

Specification Sheet
Title: Multipack Colour Powders Warm

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<u>Black</u>

| SKU | COL-CARB-BLK | | |
|--------------------------------------|----------------------------------|-------------------------------|--|
| CODE | 1050 | | |
| SAMPLE REFERENCE | NC1531 | | |
| LABEL SUGGESTION when used in | Natural Food Colours/Carbon B | lack/Colour E153 | |
| isolation according to EU regulation | | | |
| 1333/2008 & Commission directives | | | |
| 231/2012 & 1129/2011 | | | |
| DESCRIPTION | A very fine black powder which | | |
| | carbonisation of specially harve | ested vegetable matter as per | |
| | compliant to EU legislation. | | |
| COUNTRY OF MANUFACTURE | UK | | |
| TYPICAL RAW MATERIAL | UK, Other locations may be pos | ssible | |
| COUNTRY OF ORIGIN | | | |
| PRODUCT COMPOSITION | Vegetable carbon black | | |
| APPEARANCE | Black Free Flowing Powder | | |
| MOISTURE CONTENT | <10% | | |
| PRESERVATIVES | NA | | |
| OTHER ADDITIVES | NA | | |
| MICRO-ORGANISMS: | | | |
| TOTAL PLATE COUNT | < 1,000 PER GRAM | | |
| YEASTS & MOULDS | < 100 PER GRAM | | |
| ENTEROBACTERIACEAE | <10 PER GRAM | | |
| SALMONELLA | NEGATIVE IN 25 GRAMS | | |
| E.COLI | NEGATIVE /G | | |
| NUTRITIONAL PER 100g | Energy | ОКЈ | |
| | Energy | 0Kcal | |
| | Carbohydrate | Og | |
| | Of which sugars | 0.0g | |
| | Fat | 0.0g | |
| | Of which saturates | 0.0g | |
| | Protein | 0.0g | |
| | Fibre | 0.0g | |
| | Salt | 0.25mg | |

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
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| RECOMMENDED SHELF LIFE & | 60 months from manufacture, keep away from excess heat and |
|--------------------------|--|
| STORAGE | moisture. |
| APPLICATIONS | Food/Beverage |
| DOSAGES RECOMMENDED | As required |

ALLERGEN AND INTOLERANCE INFORMATION

<u>Section 1</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| ALLERGENS: | Y/N | If yes, give details |
|---|-----|----------------------|
| (Directive EU 1169/2011 ANNEX II) | | |
| Cereals containing gluten, namely: wheat, rye, barley, oats, | N | |
| spelt, kamut or their hybridised strains, and products | | |
| thereof, except: | | |
| wheat based glucose syrups including dextrose | | |
| wheat based maltodextrins | | |
| glucose syrups based on barley; | | |
| cereals used for making alcoholic distillates | | |
| including ethyl alcohol of agricultural origin; | | |
| Crustaceans and products thereof | Ν | |
| Eggs and products thereof | Ν | |
| Fish and products thereof, except: | N | |
| fish gelatine used as carrier for vitamin or | | |
| carotenoid preparations; | | |
| fish gelatine or Isinglass used as fining agent in beer | | |
| and wine; | | |
| Peanuts and products thereof; | N | |
| Soybeans and products thereof, except | N | |
| fully refined soybean oil and fat | | |
| natural mixed tocopherols (E306), natural D-alpha | | |
| tocopherol, natural D-alpha tocopherol acetate, and | | |
| natural D-alpha tocopherol succinate from soybean | | |
| sources; | | |
| vegetable oils derived phytosterols and phytosterol | | |
| esters from soybean sources | | |
| plant stanol ester produced from vegetable oil | | |
| sterols from soybean sources; | | |

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| Charification Chart | Document Ref | HB3.6.410 |
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| Milk and products thereof (including lactose), except: | N | |
|--|-------|--|
| whey used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin; | | |
| • lactitol; | | |
| Nuts, namely | N | |
| • | IN IN | |
| almonds (Amygdalus communis L.), hazelnuts (Corylus | | |
| avellana), walnuts (Juglans regia), cashews (Anacardium | | |
| occidentale), pecan nuts (Carya illinoinensis (Wangenh.) K. | | |
| Koch), Brazil nuts (Bertholletia excelsa), pistachio nuts | | |
| (Pistacia vera), macadamia or Queensland nuts (Macadamia | | |
| ternifolia), and products thereof, except: | | |
| Nuts used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin | | |
| Celery and products thereof | N | |
| Mustard and products thereof | N | |
| Sesame seeds and products thereof | N | |
| Sulphur dioxide and sulphites at concentrations of more | N | |
| than 10 mg/kg or 10 mg/litre in terms of the total SO_2 | | |
| which are to be calculated for products as proposed ready | | |
| for consumption or as reconstituted according to the | | |
| instructions of the manufacturers | | |
| Lupin and products thereof | N | |
| Molluscs and products thereof | N | |

<u>Section 2</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| INTOLERANCE SUBSTANCES: | Y/N | If yes, give details |
|---------------------------------|-----|----------------------|
| Aspartame | N | |
| Additives (E' Numbers etc) | Υ | See Ingredients |
| Beef and beef derivatives | N | |
| Benzoates | N | |
| вна/внт | N | |
| Chicken and chicken derivatives | N | |
| Cocoa | N | |
| Coriander | N | |
| Fruit and fruit derivatives | N | |
| Glutamate | N | |
| Legumes and Pulses | N | |

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| Monosodium Glutamate (MSG) | N | |
|---|---|-----------------|
| Pork and pork derivatives | N | |
| Synthetic Colours including Azo and Coal tar dyes | N | |
| Vegetable and Vegetable derivatives | Υ | See ingredients |
| Vegetable Oil: | N | |
| If yes state type and source, eg. Hydrogenated, partially | | |
| hydrogenated: rapeseed, peanut, etc. | | |
| Yeast and yeast derivatives | N | |

Section 3: Is this product suitable for:

| | Y/N | If not, give details |
|-------------------------------|-----|----------------------|
| Vegetarians | Υ | |
| Vegans | Υ | |
| Orthodox Jewish Diet (Kosher) | Υ | Not Certified |
| Muslim Diet (Halaal) | Υ | Not Certified |
| Diabetics | Υ | |

Section 4: Genetic Modification

| | Y/N | Details |
|--|-----|---------|
| Does the product or any of its ingredients contain any maize | N | |
| or soya products? | | |
| Does the product or any of its ingredients contain any | N | |
| genetically modified material (whether active or not) | | |
| Please identify ingredients which contain such materials | | |
| Is the product or any of its ingredients not substantially | N | |
| equivalent as a consequence of the use of genetic | | |
| modification? | | |
| Please identify any such ingredient | | |
| Is the product or any of its ingredients produced from, but | N | |
| not containing any genetically modified material? | | |
| Please identify those ingredients, which are produced from | | |
| such materials. | | |
| Have genetically modified organisms been used as | N | |
| processing aids or additives used in connection with the | | |
| production of these ingredients? | | |
| Please identify any such processing aids or additives | | |
| Have genetically modified organisms been used to produce | N | |
| processing aids or additives (GMO not present in aid or | | |

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| additive when in use) which are subsequently used in | |
|--|--|
| production of this product or any of its ingredients? | |
| Please identify any such processing aids or additives. | |

<u>Purple</u>

| SKU | COL-POWD-PUR |
|--------------------------------|--|
| CODE | 18395022 |
| LABEL SUGGESTION when | Purple Colouring Powder |
| used in isolation according to | |
| EU regulation 1333/2008 & | |
| Commission directives | |
| 231/2012 & 1129/2011 | |
| DESCRIPTION | Purple - MN Powder is a food with colouring properties |
| | (so called Colouring Food) and is manufactured from fruits |
| | and vegetables. |
| COUNTRY OF | EU |
| MANUFACTURE | |
| TYPICAL RAW MATERIAL | EU, Other Origins may be possible |
| COUNTRY OF ORIGIN | |
| PRODUCT COMPOSITION | Manufactured from Carrot and Hibiscus |
| | Processed with water, maltodextrin and citric acid |
| APPEARANCE | A Free Flowing Purple Powder |
| MOISTURE CONTENT | <10% |
| PRESERVATIVES | NA |
| OTHER ADDITIVES | NA |
| MICRO-ORGANISMS: | |
| TOTAL PLATE COUNT | < 1,000 PER GRAM |
| YEASTS & MOULDS | < 100 PER GRAM |
| SALMONELLA | NEGATIVE IN 25 GRAMS |
| NUTRITIONAL PER 100g | Energy 1.550 kJ/100g |
| | Energy 365 kcal/100g |
| | Fat 0,1 g/100g |
| | Of which saturates 0,08 g/100g |
| | Carbohydrate 80,0 g/100g |
| | Of which sugars 20,0 g/100g |

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| | | | |



| Charification Chart | Document Ref | HB3.6.410 |
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| | Fibre 2,5 g/100g |
|---------------------|--|
| | Protein 3,0 g/100g |
| | Salt (sodium × 2.5) 0,50 g/100g |
| | Ash 3.00 g/100g |
| RECOMMENDED SHELF | 24 months dry and cooled at <25°C (77°F) Shelf life is given |
| LIFE & STORAGE | as best use by date and applies to unopened and tightly |
| | sealed original containers |
| APPLICATIONS | Food Colouring |
| DOSAGES RECOMMENDED | Colour strength at pH 3 900 - 1.100 |
| | Lambda max in standard medium 525 - 535 nm |
| | This product can be dosed in the final application on a |
| | quantum satis basis. To ensure homogeneity the product |
| | should be stirred or shaken prior to use. All handling |
| | should be according to good manufacturing practice to |
| | avoid the risk of any adverse effect to the product. Any |
| | product discharged should not be returned to the original |
| | container and part used containers should be re-sealed |
| | and stored according to the recommended conditions. |

ALLERGEN AND INTOLERANCE INFORMATION

<u>Section 1</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| ALLERGENS: | Y/N | If yes, give details |
|---|-----|----------------------|
| (Directive EU 1169/2011 ANNEX II) | | |
| Cereals containing gluten, namely: wheat, rye, barley, oats, | N | |
| spelt, kamut or their hybridised strains, and products | | |
| thereof, except: | | |
| wheat based glucose syrups including dextrose | | |
| wheat based maltodextrins | | |
| glucose syrups based on barley; | | |
| cereals used for making alcoholic distillates | | |
| including ethyl alcohol of agricultural origin; | | |
| Crustaceans and products thereof | N | |

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| Eggs and products thereof | N | |
|---|---|--|
| Fish and products thereof, except: | N | |
| fish gelatine used as carrier for vitamin or | | |
| carotenoid preparations; | | |
| fish gelatine or Isinglass used as fining agent in beer | | |
| and wine; | | |
| Peanuts and products thereof; | N | |
| Soybeans and products thereof, except | N | |
| fully refined soybean oil and fat | | |
| natural mixed tocopherols (E306), natural D-alpha | | |
| tocopherol, natural D-alpha tocopherol acetate, and | | |
| natural D-alpha tocopherol succinate from soybean | | |
| sources; | | |
| vegetable oils derived phytosterols and phytosterol | | |
| esters from soybean sources | | |
| plant stanol ester produced from vegetable oil | | |
| sterols from soybean sources; | | |
| Milk and products thereof (including lactose), except: | N | |
| whey used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin; | | |
| • lactitol; | | |
| Nuts, namely | N | |
| almonds (Amygdalus communis L.), hazelnuts (Corylus | | |
| avellana), walnuts (Juglans regia), cashews (Anacardium | | |
| occidentale), pecan nuts (Carya illinoinensis (Wangenh.) K. | | |
| Koch), Brazil nuts (Bertholletia excelsa), pistachio nuts | | |
| (Pistacia vera), macadamia or Queensland nuts (Macadamia | | |
| ternifolia), and products thereof, except: | | |
| Nuts used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin | | |
| Celery and products thereof | N | |
| Mustard and products thereof | N | |
| Sesame seeds and products thereof | N | |
| Sulphur dioxide and sulphites at concentrations of more | N | |
| than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ | | |
| which are to be calculated for products as proposed ready | | |
| for consumption or as reconstituted according to the | | |
| instructions of the manufacturers | | |
| Lupin and products thereof | N | |

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| Molluscs and products thereof | N | |
|-------------------------------|---|--|
|-------------------------------|---|--|

<u>Section 2</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| INTOLERANCE SUBSTANCES: | Y/N | If yes, give details |
|---|-----|----------------------|
| Aspartame | n | |
| Additives (E' Numbers etc) | n | |
| Beef and beef derivatives | n | |
| Benzoates | n | |
| BHA/BHT | n | |
| Chicken and chicken derivatives | n | |
| Cocoa | n | |
| Coriander | n | |
| Fruit and fruit derivatives | n | |
| Glutamate | n | |
| Legumes and Pulses | n | |
| Monosodium Glutamate (MSG) | n | |
| Pork and pork derivatives | n | |
| Synthetic Colours including Azo and Coal tar dyes | n | |
| Vegetable and Vegetable derivatives | У | In ingredients |
| Vegetable Oil: | n | |
| If yes state type and source, eg. Hydrogenated, partially | | |
| hydrogenated: rapeseed, peanut, etc. | | |
| Yeast and yeast derivatives | n | |

Section 3: Is this product suitable for:

| | Y/N | If not, give details |
|-------------------------------|-----|----------------------------|
| Vegetarians | у | |
| Vegans | у | |
| Orthodox Jewish Diet (Kosher) | у | |
| Muslim Diet (Halaal) | У | Suitable but not certified |
| Diabetics | у | |

Section 4: Genetic Modification

| V/ | //N | Details |
|----|------|---------|
| '/ | 7.14 | Details |

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| Does the product or any of its ingredients contain any maize | N | |
|--|----|--|
| | IN | |
| or soya products? | | |
| Does the product or any of its ingredients contain any | N | |
| genetically modified material (whether active or not) | | |
| Please identify ingredients which contain such materials | | |
| Is the product or any of its ingredients not substantially | N | |
| equivalent as a consequence of the use of genetic | | |
| modification? | | |
| Please identify any such ingredient | | |
| Is the product or any of its ingredients produced from, but | N | |
| not containing any genetically modified material? | | |
| Please identify those ingredients, which are produced from | | |
| such materials. | | |
| Have genetically modified organisms been used as | N | |
| processing aids or additives used in connection with the | | |
| production of these ingredients? | | |
| Please identify any such processing aids or additives | | |
| Have genetically modified organisms been used to produce | N | |
| processing aids or additives (GMO not present in aid or | | |
| additive when in use) which are subsequently used in | | |
| production of this product or any of its ingredients? | | |
| Please identify any such processing aids or additives. | | |

<u>Pink</u>

| LABEL SUGGESTION when | Pink Colouring Powder |
|--------------------------------|--|
| used in isolation according to | |
| EU regulation 1333/2008 & | |
| Commission directives | |
| 231/2012 & 1129/2011 | |
| DESCRIPTION | Pink - MN Powder is a food with colouring properties (so |
| | called Colouring Food) and is manufactured from fruits |
| | and vegetables. |
| COUNTRY OF | EU |
| MANUFACTURE | |
| TYPICAL RAW MATERIAL | EU, Other Origins may be possible |
| COUNTRY OF ORIGIN | |

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| PRODUCT COMPOSITION | sweet potato, radish, apple and cherry Processed with |
|-----------------------|--|
| | water, maltodextrin and citric acid |
| APPEARANCE | A Free Flowing Pink Powder |
| MOISTURE CONTENT | <10% |
| PRESERVATIVES | NA |
| OTHER ADDITIVES | NA |
| MICRO-ORGANISMS: | |
| TOTAL PLATE COUNT | < 100,000 PER GRAM |
| YEASTS & MOULDS | < 1000 PER GRAM |
| SALMONELLA / SHIGELLA | NEGATIVE IN 25 GRAMS |
| NUTRITIONAL PER 100g | Energy 1.620 kJ/100g |
| | Energy 380 kcal/100g |
| | Fat 0,1 g/100g |
| | Of which saturates 0,10 g/100g |
| | Carbohydrate 70,0 g/100g |
| | Of which sugars 20,0 g/100g |
| | Fibre 1,0 g/100g |
| | Protein 5,5 g/100g |
| | Salt (sodium × 2.5) 0,20 g/100g |
| | Ash 2,50 g/100g |
| RECOMMENDED SHELF | 24 months dry and cooled at <25°C (77°F) Shelf life is given |
| LIFE & STORAGE | as best use by date and applies to unopened and tightly |
| | sealed original containers |
| APPLICATIONS | Food Colouring |
| DOSAGES RECOMMENDED | Colour strength at pH 3 900 - 1.100 |
| | Lambda max in standard medium 525 - 535 nm |
| | This product can be dosed in the final application on a |
| | quantum satis basis. To ensure homogeneity the product |
| | should be stirred or shaken prior to use. All handling |
| | should be according to good manufacturing practice to |
| | avoid the risk of any adverse effect to the product. Any |
| | product discharged should not be returned to the original |
| | container and part used containers should be re-sealed |
| | and stored according to the recommended conditions. |

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ALLERGEN AND INTOLERANCE INFORMATION

<u>Section 1</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| ALLERGENS: | Y/N | If yes, give details |
|---|-----|----------------------|
| (Directive EU 1169/2011 ANNEX II) | | |
| Cereals containing gluten, namely: wheat, rye, barley, oats, | N | |
| spelt, kamut or their hybridised strains, and products | | |
| thereof, except: | | |
| wheat based glucose syrups including dextrose | | |
| wheat based maltodextrins | | |
| glucose syrups based on barley; | | |
| cereals used for making alcoholic distillates | | |
| including ethyl alcohol of agricultural origin; | | |
| Crustaceans and products thereof | N | |
| Eggs and products thereof | N | |
| Fish and products thereof, except: | N | |
| fish gelatine used as carrier for vitamin or | | |
| carotenoid preparations; | | |
| fish gelatine or Isinglass used as fining agent in beer | | |
| and wine; | | |
| Peanuts and products thereof; | N | |
| Soybeans and products thereof, except | N | |
| fully refined soybean oil and fat | | |
| natural mixed tocopherols (E306), natural D-alpha | | |
| tocopherol, natural D-alpha tocopherol acetate, and | | |
| natural D-alpha tocopherol succinate from soybean | | |
| sources; | | |
| vegetable oils derived phytosterols and phytosterol | | |
| esters from soybean sources | | |
| plant stanol ester produced from vegetable oil | | |
| sterols from soybean sources; | | |
| Milk and products thereof (including lactose), except: | N | |
| whey used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin; | | |
| • lactitol; | | |
| Nuts, namely | N | |

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| almonds (Amygdalus communis L.), hazelnuts (Corylus | | |
|--|--------|--|
| avellana), walnuts (Juglans regia), cashews (Anacardium | | |
| occidentale), pecan nuts (Carya illinoinensis (Wangenh.) K. | | |
| Koch), Brazil nuts (Bertholletia excelsa), pistachio nuts | | |
| (Pistacia vera), macadamia or Queensland nuts (Macadamia | | |
| ternifolia), and products thereof, except: | | |
| Nuts used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin | | |
| Celery and products thereof | N | |
| | | |
| Mustard and products thereof | N | |
| Mustard and products thereof Sesame seeds and products thereof | N N | |
| | | |
| Sesame seeds and products thereof | N | |
| Sesame seeds and products thereof Sulphur dioxide and sulphites at concentrations of more | N | |
| Sesame seeds and products thereof Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ | N | |
| Sesame seeds and products thereof Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ which are to be calculated for products as proposed ready | N | |
| Sesame seeds and products thereof Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ which are to be calculated for products as proposed ready for consumption or as reconstituted according to the | N | |
| Sesame seeds and products thereof Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers | N N | |

<u>Section 2</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| INTOLERANCE SUBSTANCES: | Y/N | If yes, give details |
|---|-----|----------------------|
| Aspartame | n | |
| Additives (E' Numbers etc) | n | |
| Beef and beef derivatives | n | |
| Benzoates | n | |
| вна/внт | n | |
| Chicken and chicken derivatives | n | |
| Cocoa | n | |
| Coriander | n | |
| Fruit and fruit derivatives | У | In ingredients |
| Glutamate | n | |
| Legumes and Pulses | n | |
| Monosodium Glutamate (MSG) | n | |
| Pork and pork derivatives | n | |
| Synthetic Colours including Azo and Coal tar dyes | n | |
| Vegetable and Vegetable derivatives | У | In ingredients |
| Vegetable Oil: | n | |

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| If yes state type and source, eg. Hydrogenated, partially | | |
|---|---|--|
| hydrogenated: rapeseed, peanut, etc. | | |
| Yeast and yeast derivatives | n | |

Section 3: Is this product suitable for:

| | Y/N | If not, give details | |
|-------------------------------|-----|----------------------------|--|
| Vegetarians | у | | |
| Vegans | у | | |
| Orthodox Jewish Diet (Kosher) | У | | |
| Muslim Diet (Halaal) | У | Suitable but not certified | |
| Diabetics | У | | |

Section 4: Genetic Modification

| | Y/N | Details |
|--|-----|---------|
| Does the product or any of its ingredients contain any maize | N | |
| or soya products? | | |
| Does the product or any of its ingredients contain any | N | |
| genetically modified material (whether active or not) | | |
| Please identify ingredients which contain such materials | | |
| Is the product or any of its ingredients not substantially | N | |
| equivalent as a consequence of the use of genetic | | |
| modification? | | |
| Please identify any such ingredient | | |
| Is the product or any of its ingredients produced from, but | N | |
| not containing any genetically modified material? | | |
| Please identify those ingredients, which are produced from | | |
| such materials. | | |
| Have genetically modified organisms been used as | N | |
| processing aids or additives used in connection with the | | |
| production of these ingredients? | | |
| Please identify any such processing aids or additives | | |
| Have genetically modified organisms been used to produce | N | |
| processing aids or additives (GMO not present in aid or | | |
| additive when in use) which are subsequently used in | | |
| production of this product or any of its ingredients? | | |
| Please identify any such processing aids or additives. | | |

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
|--------------|-----------------|--------------|----------------|



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<u>Red</u>

| LABEL SUGGESTION when | Red Colouring Powder |
|--------------------------------|---|
| used in isolation according to | |
| EU regulation 1333/2008 & | |
| Commission directives | |
| 231/2012 & 1129/2011 | |
| DESCRIPTION | Red - MN Powder is a food with colouring properties (so |
| | called Colouring Food) and is manufactured from fruits |
| | and vegetables. |
| COUNTRY OF | EU |
| MANUFACTURE | |
| TYPICAL RAW MATERIAL | EU, Other Origins may be possible |
| COUNTRY OF ORIGIN | |
| PRODUCT COMPOSITION | Manufactured from radish, apple and blackcurrant |
| | Processed with water, maltodextrin and citric acid |
| APPEARANCE | A Free Flowing Red Powder |
| MOISTURE CONTENT | <10% |
| PRESERVATIVES | NA |
| OTHER ADDITIVES | NA |
| MICRO-ORGANISMS: | |
| TOTAL PLATE COUNT | < 100,000 PER GRAM |
| YEASTS & MOULDS | < 1000 PER GRAM |
| SALMONELLA / SHIGELLA | NEGATIVE IN 25 GRAMS |
| NUTRITIONAL PER 100g | Energy 1.590 kJ/100g |
| | Energy 375 kcal/100g |
| | Fat 0,1 g/100g |
| | Of which saturates 0,10 g/100g |
| | Carbohydrate 85,0 g/100g |
| | Of which sugars 10,0 g/100g |
| | Fibre 0,5 g/100g |
| | Protein 2,0 g/100g |
| | Salt (sodium × 2.5) 0,10 g/100g |
| | Ash 0,50 g/100g |

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
|--------------|-----------------|--------------|----------------|



| Charification Chart | Document Ref | HB3.6.410 |
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| RECOMMENDED SHELF | 24 months dry and cooled at <25°C (77°F) Shelf life is given | |
|---------------------|--|--|
| LIFE & STORAGE | as best use by date and applies to unopened and tightly | |
| | sealed original containers | |
| APPLICATIONS | Food Colouring | |
| DOSAGES RECOMMENDED | Colour strength at pH 3 900 - 1.100 | |
| | Lambda max in standard medium 510 - 520 nm | |
| | This product can be dosed in the final application on a | |
| | quantum satis basis. To ensure homogeneity the product | |
| | should be stirred or shaken prior to use. All handling | |
| | should be according to good manufacturing practice to | |
| | avoid the risk of any adverse effect to the product. Any | |
| | product discharged should not be returned to the original | |
| | container and part used containers should be re-sealed | |
| | and stored according to the recommended conditions. | |

ALLERGEN AND INTOLERANCE INFORMATION

<u>Section 1</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| ALLERGENS: | Y/N | If yes, give details |
|---|-----|----------------------|
| (Directive EU 1169/2011 ANNEX II) | | |
| Cereals containing gluten, namely: wheat, rye, barley, oats, | N | |
| spelt, kamut or their hybridised strains, and products | | |
| thereof, except: | | |
| wheat based glucose syrups including dextrose | | |
| wheat based maltodextrins | | |
| glucose syrups based on barley; | | |
| cereals used for making alcoholic distillates | | |
| including ethyl alcohol of agricultural origin; | | |
| Crustaceans and products thereof | N | |
| Eggs and products thereof | N | |
| Fish and products thereof, except: | N | |
| fish gelatine used as carrier for vitamin or | | |
| carotenoid preparations; | | |

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
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| fish gelatine or Isinglass used as fining agent in beer | | |
|---|---|--|
| and wine; | | |
| Peanuts and products thereof; | N | |
| Soybeans and products thereof, except | N | |
| fully refined soybean oil and fat | | |
| natural mixed tocopherols (E306), natural D-alpha | | |
| tocopherol, natural D-alpha tocopherol acetate, and | | |
| natural D-alpha tocopherol succinate from soybean | | |
| sources; | | |
| vegetable oils derived phytosterols and phytosterol | | |
| esters from soybean sources | | |
| plant stanol ester produced from vegetable oil | | |
| sterols from soybean sources; | | |
| Milk and products thereof (including lactose), except: | N | |
| whey used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin; | | |
| • lactitol; | | |
| Nuts, namely | N | |
| almonds (Amygdalus communis L.), hazelnuts (Corylus | | |
| avellana), walnuts (Juglans regia), cashews (Anacardium | | |
| occidentale), pecan nuts (Carya illinoinensis (Wangenh.) K. | | |
| Koch), Brazil nuts (Bertholletia excelsa), pistachio nuts | | |
| (Pistacia vera), macadamia or Queensland nuts (Macadamia | | |
| ternifolia), and products thereof, except: | | |
| Nuts used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin | | |
| Celery and products thereof | N | |
| Mustard and products thereof | N | |
| Sesame seeds and products thereof | N | |
| Sulphur dioxide and sulphites at concentrations of more | N | |
| than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ | | |
| which are to be calculated for products as proposed ready | | |
| for consumption or as reconstituted according to the | | |
| instructions of the manufacturers | | |
| Lupin and products thereof | N | |
| Molluscs and products thereof | N | |

<u>Section 2</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

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|--------------|-----------------|--------------|----------------|--|



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| INTOLERANCE SUBSTANCES: | Y/N | If yes, give details |
|---|-----|----------------------|
| Aspartame | n | |
| Additives (E' Numbers etc) | n | |
| Beef and beef derivatives | n | |
| Benzoates | n | |
| BHA/BHT | n | |
| Chicken and chicken derivatives | n | |
| Cocoa | n | |
| Coriander | n | |
| Fruit and fruit derivatives | У | In ingredients |
| Glutamate | n | |
| Legumes and Pulses | n | |
| Monosodium Glutamate (MSG) | n | |
| Pork and pork derivatives | n | |
| Synthetic Colours including Azo and Coal tar dyes | n | |
| Vegetable and Vegetable derivatives | У | In ingredients |
| Vegetable Oil: | n | |
| If yes state type and source, eg. Hydrogenated, partially | | |
| hydrogenated: rapeseed, peanut, etc. | | |
| Yeast and yeast derivatives | n | |

Section 3: Is this product suitable for:

| | Y/N | If not, give details |
|-------------------------------|-----|----------------------|
| Vegetarians | у | |
| Vegans | у | |
| Orthodox Jewish Diet (Kosher) | у | |
| Muslim Diet (Halaal) | У | Suitable but not |
| | | certified |
| Diabetics | у | |

Section 4: Genetic Modification

| | Y/N | Details |
|--|-----|---------|
| Does the product or any of its ingredients contain any maize | N | |
| or soya products? | | |
| Does the product or any of its ingredients contain any | N | |
| genetically modified material (whether active or not) | | |
| Please identify ingredients which contain such materials | | |

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
|--------------|-----------------|--------------|----------------|



| Charification Chart | Document Ref | HB3.6.410 |
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| | | · · · · · · · · · · · · · · · · · · · |
|---|---|---------------------------------------|
| Is the product or any of its ingredients not substantially | N | |
| equivalent as a consequence of the use of genetic | | |
| modification? | | |
| Please identify any such ingredient | | |
| Is the product or any of its ingredients produced from, but | N | |
| not containing any genetically modified material? | | |
| Please identify those ingredients, which are produced from | | |
| such materials. | | |
| Have genetically modified organisms been used as | N | |
| processing aids or additives used in connection with the | | |
| production of these ingredients? | | |
| Please identify any such processing aids or additives | | |
| Have genetically modified organisms been used to produce | N | |
| processing aids or additives (GMO not present in aid or | | |
| additive when in use) which are subsequently used in | | |
| production of this product or any of its ingredients? | | |
| Please identify any such processing aids or additives. | | |

<u>Orange</u>

| SKU | COL-POWD-ORA |
|--------------------------------|--|
| CODE | 10180005 |
| LABEL SUGGESTION when | Orange Colouring Powder |
| used in isolation according to | |
| EU regulation 1333/2008 & | |
| Commission directives | |
| 231/2012 & 1129/2011 | |
| DESCRIPTION | Orange - MN Powder is a food with colouring properties |
| | (so called Colouring Food) and is manufactured from fruits |
| | and vegetables. |
| COUNTRY OF | EU |
| MANUFACTURE | |
| TYPICAL RAW MATERIAL | EU, Other Origins may be possible |
| COUNTRY OF ORIGIN | |
| PRODUCT COMPOSITION | Manufactured from Paprika and Carrot |
| | Processed with water, maltodextrin and citric acid |
| APPEARANCE | A Free Flowing Orange Powder |

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
|--------------|-----------------|--------------|----------------|



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| MOISTURE CONTENT | <10% |
|----------------------|--|
| PRESERVATIVES | NA |
| OTHER ADDITIVES | NA |
| MICRO-ORGANISMS: | |
| TOTAL PLATE COUNT | < 1,000 PER GRAM |
| YEASTS & MOULDS | < 100 PER GRAM |
| SALMONELLA | NEGATIVE IN 25 GRAMS |
| NUTRITIONAL PER 100g | Energy 1.550 kJ/1007 |
| | Energy 365 kcal/100g |
| | Fat 5.0 g/100g |
| | Of which saturates 1.28 g/100g |
| | Carbohydrate 70.0 g/100g |
| | Of which sugars 15.0 g/100g |
| | Fibre 5.0 g/100g |
| | Protein 5.0 g/100g |
| | Salt (sodium × 2.5) 0.10 g/100g |
| | Ash 5.50 g/100g |
| RECOMMENDED SHELF | 12 months dry and cooled at <25°C (77°F) Shelf life is given |
| LIFE & STORAGE | as best use by date and applies to unopened and tightly |
| | sealed original containers |
| APPLICATIONS | Food Colouring |
| DOSAGES RECOMMENDED | This product can be dosed in the final application on a |
| | quantum satis basis. To ensure homogeneity the product |
| | should be stirred or shaken prior to use. All handling |
| | should be according to good manufacturing practice to |
| | avoid the risk of any adverse effect to the product. Any |
| | product discharged should not be returned to the original |
| | container and part used containers should be re-sealed |
| | and stored according to the recommended conditions. |

ALLERGEN AND INTOLERANCE INFORMATION

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
|--------------|-----------------|--------------|----------------|



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<u>Section 1</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| ALLERGENS: | Y/N | If yes, give details |
|---|-----|----------------------|
| (Directive EU 1169/2011 ANNEX II) | - | |
| Cereals containing gluten, namely: wheat, rye, barley, oats, | N | |
| spelt, kamut or their hybridised strains, and products | | |
| thereof, except: | | |
| wheat based glucose syrups including dextrose | | |
| wheat based maltodextrins | | |
| glucose syrups based on barley; | | |
| cereals used for making alcoholic distillates | | |
| including ethyl alcohol of agricultural origin; | | |
| Crustaceans and products thereof | N | |
| Eggs and products thereof | N | |
| Fish and products thereof, except: | N | |
| fish gelatine used as carrier for vitamin or | | |
| carotenoid preparations; | | |
| fish gelatine or Isinglass used as fining agent in beer | | |
| and wine; | | |
| Peanuts and products thereof; | N | |
| Soybeans and products thereof, except | N | |
| fully refined soybean oil and fat | | |
| natural mixed tocopherols (E306), natural D-alpha | | |
| tocopherol, natural D-alpha tocopherol acetate, and | | |
| natural D-alpha tocopherol succinate from soybean | | |
| sources; | | |
| vegetable oils derived phytosterols and phytosterol | | |
| esters from soybean sources | | |
| plant stanol ester produced from vegetable oil | | |
| sterols from soybean sources; | | |
| Milk and products thereof (including lactose), except: | N | |
| whey used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin; | | |
| • lactitol; | | |
| Nuts, namely | N | |
| almonds (<i>Amygdalus communis</i> L.), hazelnuts (<i>Corylus</i> | | |
| avellana), walnuts (Juglans regia), cashews (Anacardium | | |
| occidentale), pecan nuts (Carya illinoinensis (Wangenh.) K. | | |
| Koch), Brazil nuts (<i>Bertholletia excelsa</i>), pistachio nuts | | |

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| (Pistacia vera), macadamia or Queensland nuts (Macadamia | | |
|--|---|--|
| ternifolia), and products thereof, except: | | |
| Nuts used for making alcoholic distillates including | | |
| ethyl alcohol of agricultural origin | | |
| Celery and products thereof | N | |
| Mustard and products thereof | N | |
| Sesame seeds and products thereof | N | |
| Sulphur dioxide and sulphites at concentrations of more | N | |
| than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ | | |
| which are to be calculated for products as proposed ready | | |
| for consumption or as reconstituted according to the | | |
| instructions of the manufacturers | | |
| Lupin and products thereof | N | |
| Molluscs and products thereof | N | |

<u>Section 2</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| INTOLERANCE SUBSTANCES: | Y/N | If yes, give details |
|---|-----|----------------------|
| Aspartame | n | |
| Additives (E' Numbers etc) | n | |
| Beef and beef derivatives | n | |
| Benzoates | n | |
| BHA/BHT | n | |
| Chicken and chicken derivatives | n | |
| Cocoa | n | |
| Coriander | n | |
| Fruit and fruit derivatives | n | |
| Glutamate | n | |
| Legumes and Pulses | n | |
| Monosodium Glutamate (MSG) | n | |
| Pork and pork derivatives | n | |
| Synthetic Colours including Azo and Coal tar dyes | n | |
| Vegetable and Vegetable derivatives | У | In ingredients |
| Vegetable Oil: | n | |
| If yes state type and source, eg. Hydrogenated, partially | | |
| hydrogenated: rapeseed, peanut, etc. | | |
| Yeast and yeast derivatives | n | |

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Section 3: Is this product suitable for:

| | Y/N | If not, give details |
|-------------------------------|-----|----------------------------|
| Vegetarians | У | |
| Vegans | у | |
| Orthodox Jewish Diet (Kosher) | у | |
| Muslim Diet (Halaal) | У | Suitable but not certified |
| Diabetics | у | |

Section 4: Genetic Modification

| | Y/N | Details |
|--|-----|---------|
| Does the product or any of its ingredients contain any maize | N | |
| or soya products? | | |
| Does the product or any of its ingredients contain any | N | |
| genetically modified material (whether active or not) | | |
| Please identify ingredients which contain such materials | | |
| Is the product or any of its ingredients not substantially | N | |
| equivalent as a consequence of the use of genetic | | |
| modification? | | |
| Please identify any such ingredient | | |
| Is the product or any of its ingredients produced from, but | N | |
| not containing any genetically modified material? | | |
| Please identify those ingredients, which are produced from | | |
| such materials. | | |
| Have genetically modified organisms been used as | N | |
| processing aids or additives used in connection with the | | |
| production of these ingredients? | | |
| Please identify any such processing aids or additives | | |
| Have genetically modified organisms been used to produce | N | |
| processing aids or additives (GMO not present in aid or | | |
| additive when in use) which are subsequently used in | | |
| production of this product or any of its ingredients? | | |
| Please identify any such processing aids or additives. | | |

Yellow

| SAMPLE REFERENCE | NC1015 |
|------------------|--------|
|------------------|--------|

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| LABEL SUGGESTION when used in isolation according to EU regulation 1334/2008 | Natural Colour; Curcumin E100 or Natural Flavouring |
|--|---|
| DESCRIPTION | Purified Curcumin oleoresin emulsified in water and spray dried onto Gum Acacia and |
| | Maltodextrin |
| COUNTRY OF MANUFACTURE | UK |
| PRODUCT COMPOSITION | Maltodextrin (Potato derived), Gum Acacia E414, |
| | Polysorbate 80 E433, Curcumin Extract |
| PROVENANCE CLAIMS | N/A |
| APPEARANCE | Yellow Powder |
| ORGANOLEPTIC | Passes |
| SPECIFIC GRAVITY @ 20°C | TBC |
| REFRACTIVE INDEX @ 20°C | TBC |
| APROX. SOLVENT LEVELS | N/A |
| COLOURS | Curcumin Extract |
| PRESERVATIVES | N/A |
| OTHER ADDITIVES | N/A |
| MICRO-ORGANISMS: | |
| TOTAL PLATE COUNT | < 100,000 PER GRAM |
| YEASTS & MOULDS | < 1000 PER GRAM |
| SALMONELLA / SHIGELLA | NEGATIVE IN 25 GRAMS |
| NUTRITIONAL PER 100G | Energy 1325KJ or 316 Kcal |
| | Fat 3.3g |
| | Of which Saturate 1.6g |
| | Carbohydrate 79.5g |
| | Of which Sugars 10g |
| | Protein 0.9g |
| | Sodium 0.3g |
| | Salt (sodium x2.5) 0.75g |
| | Fibre 28.3g |
| RECOMMENDED SHELF | 12 Months, Keep dry and away from sunlight, can be |
| LIFE & STORAGE | stored ambient |
| APPLICATIONS | Food Colouring |
| DOSAGES | As needed |
| RECOMMENDED | |

ALLERGEN AND INTOLERANCE INFORMATION

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
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<u>Section 1</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| ALLERGENS: | Y/N | If yes, give details |
|--|-----|----------------------|
| (Directive EU 1169/2011 ANNEX II) | N | |
| Cereals containing gluten, namely: wheat, rye, barley, oats, spelt, kamut or their hybridised strains, and products thereof, except: wheat based glucose syrups including dextrose (1); | · | |
| wheat based maltodextrins (1); | | |
| glucose syrups based on barley; | | |
| cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin; | | |
| 2 Crustaceans and products thereof; | N | |
| 3 Eggs and products thereof; | N | |
| 4 Fish and products thereof, except: | N | |
| fish gelatine used as carrier for vitamin or carotenoid preparations; | | |
| fish gelatine or Isinglass used as fining agent in beer and wine; | | |
| 5 Peanuts and products thereof; | N | |
| 6 Soybeans and products thereof, except: • fully refined soybean oil and fat (¹); | N | |

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| | natural mixed tocopherols (E306), natural D-alpha tocopherol, natural D-alpha tocopherol acetate, and natural D-alpha tocopherol succinate from soybean sources; vegetable oils derived phytosterols and phytosterol esters from soybean sources; plant stanol ester produced from vegetable oil sterols from soybean sources; | | |
|----|---|---|--|
| 7 | Milk and products thereof (including lactose), except: whey used for making alcoholic distillates including ethyl alcohol of agricultural origin; lactitol; | N | |
| 8 | Nuts, namely: almonds (Amygdalus communis L.), hazelnuts (Corylus avellana), walnuts (Juglans regia), cashews (Anacardium occidentale), pecan nuts (Carya illinoinensis (Wangenh.) K. Koch), Brazil nuts (Bertholletia excelsa), pistachio nuts (Pistacia vera), macadamia or Queensland nuts (Macadamia ternifolia), and products thereof, except: • Nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin; | N | |
| 9 | Celery and products thereof; | N | |
| 10 | Mustard and products thereof; | N | |
| 11 | Sesame seeds and products thereof; | N | |

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
|--------------|-----------------|--------------|----------------|



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| 12 | Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers; | N | |
|----|--|---|--|
| 13 | Lupin and products thereof; | N | |
| 14 | Molluscs and products thereof. | N | |

⁽¹⁾ And the products thereof, in so far as the process that they have undergone is not likely to increase the level of allergenicity assessed by the Authority for the relevant product from which they originated

<u>Section 2</u>: Does the product contain any of the following, including <u>any</u> possible source of cross contamination or carry over?

| INTOLERANCE SUBSTANCES: | Y/N | If yes, give details |
|---|-----|----------------------|
| Aspartame | Ν | |
| Additives (E' Numbers etc) | у | E100, E414, E433 |
| Beef and beef derivatives | Ν | |
| Benzoates | N | |
| BHA/BHT | N | |
| Chicken and chicken derivatives | N | |
| Cocoa | N | |
| Coriander | N | |
| Fruit and fruit derivatives | N | |
| Glutamate | N | |
| Legumes and Pulses | N | |
| Monosodium Glutamate (MSG) | N | |
| Pork and pork derivatives | Ν | |
| Synthetic Colours including Azo and Coal tar dyes | N | |
| Vegetable and Vegetable derivatives | У | Curcumin |
| Vegetable Oil: | N | |
| If yes state type and source, eg. Hydrogenated, partially | | |
| hydrogenated: rapeseed, peanut, etc. | | |
| Yeast and yeast derivatives | N | |

Section 3: Is this product suitable for:

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
|--------------|-----------------|--------------|----------------|



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| | Y/N | If not, give details |
|-------------------------------|-----|----------------------|
| Ova-lacto Vegetarians | Υ | |
| Vegans | Υ | |
| Orthodox Jewish Diet (Kosher) | Υ | |
| Muslim Diet (Halaal) | Υ | |
| Diabetics | Υ | |

Section 4: Genetic Modification

| | Y/N | Details |
|---|-----|---------|
| Does the product or any of its ingredients contain any maize or soya products? | N | |
| Does the product or any of its ingredients contain any genetically modified material (whether active or not) Please identify ingredients which contain such materials | N | |
| Is the product or any of its ingredients not substantially equivalent as a consequence of the use of genetic modification? Please identify any such ingredient | N | |
| Is the product or any of its ingredients produced from, but not containing any genetically modified material? Please identify those ingredients, which are produced from such materials. | N | |
| Have genetically modified organisms been used as processing aids or additives used in connection with the production of these ingredients? Please identify any such processing aids or additives | N | |
| Have genetically modified organisms been used to produce processing aids or additives (GMO not present in aid or additive when in use) which are subsequently used in production of this product or any of its ingredients? Please identify any such processing aids or additives. | N | |

| Prepared by: | Richard Strauss | Approved by: | Richard Oliver |
|--------------|-----------------|--------------|----------------|