# CURCUMIN EXTRACT

**Code:  NC2061**

**Tariff Code**    3203 00 10 - Natural Food Colours (Veg Origin)

**Description**    A yellow powder created by emulsion of Turmeric extracted from the rhizomes of Turmeric (Curcum longa) and spray drying

**Appearance**    Yellow powder

Suitable for: Vegetarian  Vegan  Kosher  Halal        GM Free  Non-irradiated

**Uses**

Food Colour compliant with Commission Regulation (EU) 231/2012

**Usage rate**    As required

**Product identification**    Turmeric Extract or E100 Curcumin

**Ingredients**    Curcumin E100, Gum Acacia, Maltodextrin, Polysorbate 80

## Major Allergens

| | |
|---|---|
| Celery and its derivatives | Absent |
| Crustaceans and their derivatives | Absent |
| Egg and its derivatives | Absent |
| Fish and their derivatives | Absent |
| Gluten | Absent |
| Lupins and their derivatives | Absent |
| Milk and its derivatives | Absent |
| Molluscs and their derivatives | Absent |
| Mustard and its derivatives | Absent |
| Nuts, their oils and other derivatives | Absent |
| Peanuts, their oils and other derivatives | Absent |
| Sesame seeds, their oils and other derivatives | Absent |
| Soya and its derivatives | Absent |
| Sulphur dioxide | Absent |

(and sulphites at levels above 10mg/kg or 10mg/l, expressed as SO2)

## Chemical

| | | | | |
|---|---|---|---|---|
| pH | 5-6 | | | Verification using pH meter |
| Moisture | 5 | % | max | |
| Lead | 2 | ppm | max | |
| Arsenic | 3 | ppm | max | |
| Mercury | 1 | ppm | max | |
| Cadmium | 1 | ppm | max | |
| Sudan I | <10 | ppb | max | |
| Sudan II | <10 | ppb | max | |
| Sudan III | <10 | ppb | max | |
| Sudan IV | <10 | ppb | max | |

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

| Rhodamine B | <10 ppb | max |
|---|---|---|
| Para Red | <10 ppb | max |
| Butter Yellow | <10 ppb | max |
| Sudan Red G | <10 ppb | max |
| Sudan Red VII B | <10 ppb | max |
| Sudan Red B | <10 ppb | max |
| Sudan Orange II | <10 ppb | max |
| Bixin | <10 ppb | max |
| Nitroaniline | <50 ppb | max |
| Orange OT | <50 ppb | max |
| Sudan Black B | <50 ppb | max |
| Norbixin | <500 ppb | max |

## Nutrition

| Energy kJ | kCal | Carbohyd. | Sugars | Fibre | Sodium | Salt |
|---|---|---|---|---|---|---|
| 1437 | 341 | 83.9 g/100g | 13.9 g/100g | 16.8 g/100g | 0.2 mg/100g | g/100g |

| Fat | Saturated | Unsaturat | Polyunsat. | Monounsat. | Trans | Protein |
|---|---|---|---|---|---|---|
| 2.4 g/100g | 1.2g/100g | 0.0 g/100g | 0.3 g/100g | 0.9 g/100g | 0.0 g/100g | 0.5 g/100g |

Nutritional results are based upon calculation only, not specific product testing, unless otherwise notified.

## Physical

Absorption (Acetone)          16 - 25

Sieve Mesh 0.4mm          100% Passes

Colour Method: E ¦ @ 420nm      Value: 1 - 1.5% Curcumin

Organoleptic          Passes

Notes          Hygroscopic and should always be kept sealed.

## Microbiological

| TVC | 1000 cfu/g | max |
|---|---|---|
| Yeasts | 100 cfu/g | max |
| Moulds | 100 cfu/g | max |
| Coliforms | 0 cfu/g | max |
| Enterobacteriacae | 0 cfu/g | max |
| E coli | 0 cfu/g | max |
| Salmonella | Not Detected in 25g | max |
| S aureus | 0 cfu/g | max |
| Listeria | Not Detected in 25g | max |

**Storage**          Clean dry conditions in original unopened packaging. Ambient temps (7-20°C) Avoid direct sunlight.

**Shelf life**          12 Months          on opening:          1 Months

**Packaging**          Food grade plastic bag in cardboard box

**Handling**          This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. For full safety information and necessary precautions, please refer to the Material Safety Data Sheet

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The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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**CUSTOMER APPROVAL**

Approved on behalf of (Customer Name)………………………………. by ……………………………. position…………………………………

Please sign date and return a scanned copy this spec to quality@plant-ex.com within 14 days after which time approval will be assumed

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