

ANNATTO EXTRACT
Code: NC012959A

Description Red brown dark liquid produced by extraction of norbixin pigment from the seeds of the annatto tree, alkalisated and standardised for colour strength.

Appearance Dark brown liquid

Suitable for: Vegetarian Vegan Kosher Halal

GM Free Palm Free

Uses Food colour compliant to the Regulation 2012/231

Usage rate As required according to local legislation

Product identification E160b (ii) Annatto Extract (Norbixin)

Ingredients Annatto extract, Water, Potassium hydroxide

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 SO ₂)	

Chemical

pH	13 - 14	Verification using pH meter
Lead	1 ppm	max
Arsenic	2 ppm	max
Mercury	1 ppm	max
Cadmium	0.5 ppm	max

Nutrition

Energy kJ	kCal	Carbohyd.	Sugars	Fibre	Sodium	Salt
30	7	1.8 g/100g	0.0 g/100g	0.0 g/100g	0.0 mg/100g	g/100g
Fat	Saturated	Unsaturat	Polyunsat.	Monounsat.	Trans	Protein
0.0 g/100g	0.0g/100g	0.0 g/100g	0.0 g/100g	0.0 g/100g	0.0 g/100g	0.0 g/100g

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

Physical

Absorption (Water pH13)	40 - 46
DEcmc	<1.5
Sieve Mesh 1mm	100% Passes
Bulk density	0.94 g/l
Colour Method: Norbixin	Value: 1.4-1.6% Nanometre: 482
Organoleptic	Passes

Microbiological

TVC	1000 cfu/g	max
Yeasts	100 cfu/g	max
Moulds	100 cfu/g	max
Enterobacteriaceae	0 cfu/g	max
E coli	0 cfu/g	max
Salmonella	Not Detected in 25g	max
Listeria	Not Detected in 25g	max
Aerobic Plate Count	1000 cfu/g	max

Storage Recommended to store chilled (4-6C) to avoid/minimise colour degradation

Shelf life 9 Months on opening: 1 Months

Packaging UN approved HDPE drum

Handling Product contains Potassium Hydroxide < 2%, PPE recommended gloves and goggles.

Legal Notice

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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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