



AP-10

Product Data Sheet

Version: 1 DS US EN 01-29-2021

Description

AP-10 is a dark, reddish-brown annatto emulsion liquid color, which is water miscible, produced by the extraction of annatto pigments from the seeds of the annatto tree (*Bixa orellana* L.). It is specially formulated for low pH applications.

Material no:

70496

Ingredients:

Propylene glycol, Polysorbate 80, Annatto extract, Potassium hydroxide.

Raw Material; Source; Origin; Function

Propylene glycol; Synthetic; North America/ Carrier

Polysorbate 80; Synthetic/Tapioca/Pine oil; North America/EU; Emulsifier

Annatto extract; Norbixin; Annatto seed; EU/Africa/Asia/Central America; Color

Potassium hydroxide; Synthetic; North America; Acidity regulator

Palm Oil

The ingredients used for this product are not derived from palm oil.

Contaminants

This product meets the US Regulations in the Code of Federal Regulations (CFR) and FCC monographs for heavy metals (where applicable). Pesticides are listed in 40 CFR.

Enzymes

No enzymes used in the production of this product.

Natural status

According to existing US regulations there is no definition of the naturalness of colors. Therefore Oterra has established a position on naturalness of colors based on NATCOL (Position on the Definition of the term "Natural color") and CODEX positions.

Product Status: Natural derived color (N2)

This is a color substance that is derived from plant, animal, mineral or microbiological source. The color substance is derived through traditional processing and/or appropriate physical processing (including distillation and solvent extraction).

The process does not modify the chemical nature of the chromophore of the coloring substance, however, intentionally renders the color substance more suitable for use in targeted food applications.

(Above refers to the NATCOL Position on the Definition of the term 'Nature derived color')

Microbiological method references



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Total Viable Count = CMMEF Chapter 8.72
Total Yeasts and Moulds = BAM Chapter 18
Total Enterobacteriaceae = CMMEF Chapter 9.62
Aerobic Sporeforming Bacteria = AACC 42-40 mod.
Sulphite reducing clostridia = ISO 15213
Salmonella sp. = AOAC 2013.01 - VIDAS
Listeria monocytogenes = AOAC 2013.10 – VIDAS
E. coli = CMMEF Chapter 9.933
S. aureus = BAM Chapter 12

Tested according to monitoring plan

California Proposition 65

Proposition 65 requires businesses to notify Californians when substances known to cause cancer or reproductive toxicity are present in the products they purchase. Please be notified that this product contains Polysorbate 80, which is processed with chemicals identified in Prop 65: Ethylene Oxide (CAS 75-21-8) at <1ppm, and 1,4-Dioxane (CAS 123-91-1) at <1ppm. Polysorbate 80 is not individually listed in Prop 65.

Non-irradiation

Oterra hereby declares that our color products have not been irradiated in its manufacturing.

Sewage sludge

Oterra hereby declares that our color products are free of sewage sludge.

BSE / TSE

The raw materials used for this product do not represent a risk regarding Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).

Production site

Manufactured by Oterra, LLC, USA

Supplier's certifications

Certifying body Bureau Veritas (BVC): FSSC 22000

GMP practices

Each production and warehouse site must maintain local GMPs and Food Safety procedures and comply with local regulations. These guiding principles are based on the Global Food Safety Initiative requirements as related to FSSC 22000, TS 22002-1, ISO 22000, Codex Alimentarius Food Hygiene, plus our customers' and our own demands concerning food hygiene and food safety.

Pasteurization

This product has not been pasteurized. Please refer to the Flow Sheet document for further information of the process.

Foreign bodies

Filter: Max 2 mm

Packaging

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Size 4x8.6 LB

Type 4X1 Gallon Case

Characteristics

Material used for packaging: Cardboard box with divider and 4x1 gal White HDPE bottles with cap

Empty tare weight of packaging: app. 1198 g (2.61 lb)

Dimensions of box: 12.5 in x 12.5 in x 12.5 in

Height pallet: Stable height is 4 boxes

Number of boxes/pallet: 9 boxes in one layer x 4 layers.

Max 36 boxes/pallet.

US pallet (Wood) 40 in x 48 in x 5 in + plastic wrapping.



Conversion factors: (weight) 1 KG = 2.20462 LB or 1 G = 0.00220462 LB; (length) 1 mm = 0.0393701 inches.

Batch number information

5-10 digit code produced by ERP (SAP) system. No intelligence attribute to the code. We have defined a global procedure for batch tracing and it will be conducted within 8 hours.

Remaining shelf life

Total shelf life less than 8 months: 50 % left of shelf life upon delivery is guaranteed.

Total shelf life more than 8 months: At least 4 months left at the time of delivery

Shelf life after opening the containers

If products are opened or kept at other temperatures than recommended, Oterra cannot guarantee full shelf life and quality of the product.

However, to the best of our knowledge and based on our expertise, products containing preservatives, acetic acid or our OS-products can normally be kept at ambient temperature for a couple of days. All other products should be kept cold and used within 1-2 days. Please contact your Oterra representative for such requests.



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24/7 number is +45 35 15 56 00.

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