



SPECIFICATION SHEET

Product Name: **ANNATTO WATER-SOLUBLE EXTRACT**

Product Code: **CIA-ANN**

INGREDIENT STATEMENT

| | |
|-------------------|--|
| Ingredient | Annatto Extract |
| Botanical Source | <i>Bixa orellana</i> |
| Classification | 100% Natural Annatto Color, Annatto Extract, Natural Flavor |
| Certification | Kosher Certified |
| Compliance Status | Organic Compliant; Non-GMO; HALAL Compliant, Vegan, Allergen-Free, Gluten-Free |

PHYSICAL / CHEMICAL PROPERTIES

| | |
|------------------|--|
| Consistency | Free-flowing slightly viscous liquid |
| Color | Medium – dark orange/red |
| Intensity | 0.377 – 0/435 (absorbance units @ 453 nm; 0.01% (w/v); alkaline water) |
| Flavor | None at use level |
| Odor | None at use level |
| Solubility | Water-Soluble |
| Specific Gravity | 1.02 – 1.04 |
| pH | 12.0 – 13.0 |
| Norbixin % | 1.30 – 1.50 |

HANDLING / PACKAGING

| | |
|--------------------|---|
| Storage | Store in cool location (< 20°C/68°F), in original sealed container. Avoid exposure to direct sunlight, air, and high heat. Do not freeze. |
| Shelf Life | 9 months in original sealed container at room temperature <i>Handling and storage conditions may alter Shelf Life in open containers.</i> |
| Packaging Labeling | Food-grade HDPE: Containers; Gallons; Jugs; Pails; Drums; Package-to-Batch Size; Custom Product Name; PO #; Lot #; Weight (net, tare, gross); Production Date; Custom |

COUNTRY OF ORIGIN USA

Slight variations in color and flavor may be observed due to inherent fluctuations in the raw materials from varying weather and geographical growing conditions.

Reviewed: August 2024