



Specification of Beet Juice Color Powder

Product Name: Beet Juice Color

Latin name: *Beta vulgaris L.*

Product Content: Colour E_{1CM} (1%, 535nm)

Used Part: Root

Product Description: The Beet Juice colour powder is refined by spray drying, screening, magnetic, packaging and other processes.

Sensory indicators

Item	Standard	Testing Method
Color	A purplish-red fine Powder	Visual
Appearance	Amorphous powder	Visual
Odor & Taste	Specific Taste and Odor	Taste
Impurity	No foreign impurities	Visual
Mesh Size	80 mesh	Analytical sieving

Physical & Chemical Characteristics

Item	Standard	Testing Method
Colour E _{1CM} (1%, 535nm)	≥2	GB1886.111-2015
Loss on Drying	NMT 5.0 %	USP<731>
Total Ash	NMT 5.0 %	USP36
Heavy Metals (as Pb)	NMT 10 ppm	USP36
Lead (Pb)	NMT 1 ppm	ICP-MS
Arsenic (As)	NMT 1 ppm	ICP-MS
Cadmium (Cd)	NMT 1 ppm	ICP-MS
Mercury (Hg)	NMT 0.1 ppm	ICP-MS

Microbiological Characteristics

Item	Standard	Testing Method
Total Plate Count	NMT 5,000 cfu/g	USP<2021>
Total Yeast & Mold	NMT 100 cfu/g	USP<2021>
<i>E. Coli</i>	Not Detected in(g) 10	USP<2022>
<i>Salmonella</i>	Not Detected in(g) 25	USP<2022>
<i>Staphylococcus</i>	Not Detected in(g) 10	USP<2021>

Usage Level: 0.05%-0.2%

Application: Fruit, dairy and other products in the 4.0-9.0 pH range, sprie blends, tomato products, etc.



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Label Declaration:

USA: "Beet Poder Color", "Colored with Beet Poder",
or "Vegetable Juice Color", or "Colored with VegetableJuice",
or "Color Added Beet", Canada: "Beetroot Extract"

Packaging:

25kg/drun, the inner packaging is PE film bag or aluminum foil bag, and the outer packaging is corrugated box.

Shipping:

Whole transportation of the products should be clean and pollution-free, be avoided from sunlight and rain, and not be mixed with toxic, harmful, odorous or items that affect product quality.

Storage:

Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat. Do not share storage with toxic, harmful, odorous, volatile and corrosive items.

Shelf life:

Under proper conditions of packaging, shipping and storage, the shelf life can last 24 months. Once unpack, the product should be resealed and stored or used as soon as possible.



R&D Center: Wuhan | Guangdong | Taiwan

Factory Addr: Boreal Biotechnology Industrial Park, Yongxing street, Songling district, DaHinhhan Ling