

SPECIFICATION

Product Name: Black Radish Powder
Chemical Formula: N/A
CAS Number: 84775-94-0
Molecular Weight: N/A
Appearance: Purple-red Fine Powder
Odor: Odor.

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min/Max)
Taste	-	Complied	Characteristic
Assay/Extract Ratio	-	Complied	5:1
Loss on Drying	%	3.24 %	≤5.0%
Sieve Analysis	-	Complied	Pass 80 mesh
Bulk Density	g/ml	49.3g/100mL	45-55g/100mL
Heavy Metal	PPM	Complied	NMT 20 PPM
As	PPM	Complied	NMT 2 PPM
Microbiological Analysis			
Total Plate Count	cfu/gm	Complied	NMT 5000 cfu/gm
Yeast & Mold	cfu/gm	Complied	NMT 1000 cfu/gm
Salmonella	-	Complied	Negative
E. Coli	-	Complied	Negative

Physical Properties

- Solubility: Partially soluble in water. Partially soluble in ethanol. Partially insoluble in ethanol. Insoluble in ether. Insoluble in Oils.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed container in a cool, dry, and well-ventilated place, protected from moisture, humidity, heat, and direct sunlight. Keep the container tightly sealed when not in use to preserve product quality and stability.

Applications

- Use: Widely used in nutraceutical, dietary supplement, functional food, and herbal wellness formulations. It is valued for its content of naturally occurring glucosinolates, sulfur compounds, antioxidants, vitamins, and minerals.
- Dosage: Depends on type of product (powder, capsule, tablet, beverage), Concentration and quality of the black radish powder, Intended health benefit, Target consumer population, Regulatory requirements.

Packaging

- Standard Packing: 25 kg woven PP bags with inner liner and 1 Kgs or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.