

SPECIFICATION

Product Name: Radish Powder Human Grade
Chemical Formula: N/A
CAS Number: 84775-94-0
Molecular Weight: N/A
Appearance: Light cream fine powder
Odor: Odor

Chemical Composition

Parameter	Unit	Typical Value	Specifications Min./Max.
Particle Size	-	98% through 60 mesh	95% passes through 60 mesh
Moisture	%	5.5%	NMT 8.0%
Bulk Density	g/ml	0.55 g/ml	0.40–0.70 g/ml
Water Activity	-	0.42	NMT 0.60
Protein	%	9.5%	NLT 8.0%
Dietary Fiber	%	24.8%	NLT 20.0%
Fat	%	1.8%	NMT 3.0%
Ash	%	7.2%	NMT 10.0%
Carbohydrates	%	56.0%	By Difference
Lead	PPM	0.25 PPM	NMT 2 PPM
Arsenic	PPM	0.08 PPM	NMT 1 PPM
Cadmium	PPM	0.04 PPM	NMT 1 PPM
Mercury	PPM	0.01 PPM	NMT 0.1 PPM

Microbiological Limits			
Total Plate Count	cfu/g	<1000 cfu/g	10000 cfu/g
Yeast & Mold	cfu/g	<100 cfu/g	1000 cfu/g
Escherichia coli	Absent/g	Absent	Absent/g
Salmonella	Absent/g	Absent	Absent/25g
Staphylococcus aureus	Absent/g	Absent	Absent/g

Physical Properties

- Solubility: Insoluble in water. Insoluble in ethanol. Insoluble in methanol. Insoluble in acetone. Insoluble in ether.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed, airtight container in a cool, dry, and well-ventilated place, protected from moisture, heat, direct sunlight, and contamination.

Applications

- Use: Widely used in food, nutraceutical, functional food, and dietary supplement formulations as a source of dietary fiber, vitamins, minerals, and natural phytonutrients.
- Dosage: Depends on Nutritional objectives, Product formulation, Desired flavor intensity, Dietary requirements, Regulatory guidelines.

Packaging

- Standard Packing: 25 Kgs pp bag 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.