

Specification Sheet

Ginger Extract Powder

General Information

Product Name	Ginger Extract Powder
CAS#	NA
Origin Country	China
Raw Material Type	Botanical Raw Powder
Package	25kg/Drum (N.W.)

Regulatory Compliance

Non-GMO	Compliant
Non-Irradiation	Compliant
Non-Ethylene Oxide	Compliant
Non-BSE/TSE	Compliant
Components	Ginger Extract Powder
Allergens	None
Others	Free of gluten, animal derivatives, artificial flavors, sugar, milk

Source Material

Genus & Species	Zingiber officinale
Plant Part	Root
Common Name	Ginger Root extract powder, Ginger Extract

Process Information

Production Method	Physical
Extract Solvent / Solvent Ratio	NA
Herb to Native Extract Ratio	NA
Residual Solvent	None

Other Information

Shelf Life	24 months
Storage Conditions	Room temperature, sheltered from light, moisture and oxygen.
Notes	<ol style="list-style-type: none">1. It is a natural product, there is likely to be minor color variation from batch to batch of the product because of the geographical and seasonal variations of the raw material.2. Natural products can be hygroscopic and tend to agglomerate depending on the nature of the product. It is suggested to sift before use.3. It's important that you carefully check the above details against your own label claim.4. Heavy metals are tested outside by ICP-MS as per AOAC Standard.

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Physical Analysis	Specification	Method
Identification	Positive	HPTLC (Alkemist)
Gingerol	≥5.0%	HPLC
Appearance	Light yellow Fine Powder	Visual
Odor	Characteristic	Organoleptic
Taste	Characteristic	Olfactory
Bulk Density	0.30 - 0.60g/ml	USP <616>
Particle Size	NLT 95% Pass 80mesh	USP <786>
Moisture	NMT 5.0%	USP <731>

Heavy Metals	Specification	Method
Lead (Pb)	NMT 2.0 ppm	AOAC 993.14
Arsenic (As)	NMT 1.0 ppm	AOAC 993.14
Mercury (Hg)	NMT 0.5 ppm	AOAC 993.14
Cadmium (Cd)	NMT 1.0 ppm	AOAC 993.14

Microbiologicals	Specification	Method
Total Plate Count	NMT 10,000 cfu/g	USP <2022>
Yeast and Mold	NMT 1,000 cfu/g	USP <2022>
E. Coli	Negative/10g	USP <2022>
Salmonella	Negative/10g	USP <2022>
Staphylococcus	Negative/10g	USP <2022>

