herbuno

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Technical Data Sheet

Ginger Liquid Extract, Water-Soluble

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1. Product identification

Product name	Ginger Liquid Extract, Water-Soluble
Material type	Botanical liquid extract
Botanical name	*Zingiber officinale*
Plant part	Root
Composition	Ginger root extract in water (solvent and carrier); sodium benzoate up to 0.5% (preservative)
Processing	Processed in India

2. Description

Appearance	Liquid
Colour	Pale yellowish to yellow, clear liquid
Odour & taste	Characteristic

3. Specifications

Parameter	Specification	Method
Physical		
Water solubility	Soluble	In-House
Propylene glycol solubility	Soluble	In-House
Alcohol solubility (50% alcohol)	Soluble	In-House
Preservative	Sodium benzoate	In-House
pH (1% w/w)	3.0–6.0	In-House
Dry residue at 180 °C	NMT 5%	In-House
Specific gravity at 20 °C (g/mL)	1.010–1.150	In-House
Heavy metals		
Total heavy metals	NMT 10 ppm	AAS – ICP-MS
Microbiology		
Total aerobic microbial count	NMT 1,000 cfu/g	APHA CHP 7, FDA BAM
Yeast & mould	NMT 100 cfu/g	FDA BAM, 7th Ed

4. Storage, shelf life and pack sizes

Storage	Cool, dark place
Shelf life	24 months from date of manufacture under the storage conditions above
Use	Dilute before use
Pack sizes	25 kg

This Technical Data Sheet provides typical specifications for reference. Lot-specific results are reported on the Certificate of Analysis (COA) issued for each lot. Specifications may vary between lots and may be revised without notice. Any material difference between this TDS and the applicable COA should be clarified with Herbuno before purchase or use. Herbuno's obligation is limited to conformity of the supplied lot with its COA. The buyer is responsible for assessing suitability for the intended application and compliance with applicable regulations. NMT = not more than · NLT = not less than · cfu = colony-forming units.

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