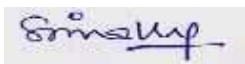


Technical Specification

Product: Beetroot extract powder 25:1
 Specification Number: HC/FP/SPEC/285
 Standard Packing: 25kg/50kg
 Self Life: 24 Months

TEST	SPECIFICATION	TESTMETHOD
Description /Appearance	Dark pink colour powder with characteristic odour	Organoleptic
Identification	To comply by TLC	IH-TM
Moisture	NMT 5.0% w/w	USP<731>
Solubility	Soluble in water	USP
pH of 5% solution	4-7	USP
Mesh	100 %pass through 40 mesh	USP <786>
Tapped Bulk Density	NLT 0.30-0.90 gm/ml	USP<616>
Content of nitrates by UV	NLT 5.0% By UV	IH-TM
Heavy metals	NMT 20 ppm	USP<231>
Lead	NMT 2.0 ppm	ICP-OES
Arsenic	NMT 1.0 ppm	ICP-OES
Cadmium	NMT 1.0 ppm	ICP-OES
Mercury	NMT 0.1 ppm	ICP-OES
Microbiology Tests		
Total Aerobic Microbial Count	NMT 10000 cfu/gm	USP<2021>
Yeast & Mould	NMT 100 cfu/gm	USP<2021>
Salmonella	Should be Absent	USP<2022>
Escherichia coli	Should be Absent	USP<2022>
Pesticide Residuals	Should complies as per USP	USP

prepared by



Srinath Madasu,
R&D Manager

Approved by



Venkat Kondepudi,
Head of Quality Control & Production

