

SPECIFICATION SHEET

Product Name	Cranberry Ext 25%
Botanical Name	<i>Vaccinium subg. Oxycoccus</i>

PARAMETERS	SPECIFICATION
PHYSICAL CHARACTERISTICS	
Identification by TLC	Comply to standard
Appearance	Fine Powder
Colour	Reddish Purple Colour
Odour & Taste	Characteristic odour & taste
Loss on Drying (at 105°C)	NMT 10% w/w
Bulk Density	0.30-0.80 gm/ml
Tap Density	0.40-0.90 gm/ml
pH	NMT 7.0
Total Ash	NMT 5.0% w/w
Acid Insoluble Ash	NMT 2.4% w/w
Water Soluble Extractive	Soluble
Particle Size	90% passes Through 60#
CHEMICAL PARAMETERS	
Assay	
Proanthocyanidins	NLT 25%
Heavy Metals	
Arsenic	NMT 1.1 PPM
Lead	NMT 2.5 PPM
Mercury	NMT 0.1 PPM
Cadmium	NMT 1.0 PPM
MICROBIOLOGICAL AND PATHOGEN ANALYSIS	
Total Aerobic Microbial Count	NMT 10000 cfu/gm
Total Yeast & Molds Count	NMT 100 cfu/gm
Escherichia coli	Absent
Salmonella	Absent

LEGEND: D.P –Dry Powder, NMT- Not More Then, NLT- Not Less then, cfu/gm- Colony Forming Unit/gram.

PREPARED BY	REVIEWED BY	APPROVED BY
Q.C Executive	Q.C Manager	Q.A Manager

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