

SPECIFICATION SHEET

Product Name	Sesbania Extract 1%
Botanical Name	<i>Sesbania grandiflora</i>

PARAMETERS	SPECIFICATION
PHYSICAL CHARACTERISTICS	
Description	Light brown coloured powder.
Odour	Characteristics
Identification by TLC	TLC Fingerprint of sample match with the Standard
Loss on Drying (w/w)	NMT 5%
pH 1% w/v solution	3-7
Bulk Density	0.5-1.0 Gm/ml
Solubility (w/v) in water	NLT 70%
Sieve Test	100% passes Through 40#
CHEMICAL PARAMETERS	
Assay by HPLC	
Biotin	NLT 1%
Heavy Metals	
Arsenic	NMT 3 PPM
Lead	NMT 1 PPM
Mercury	NMT 1 PPM
Cadmium	NMT 0.3 PPM
MICROBIOLOGICAL AND PATHOGEN ANALYSIS	
Total Plate Count	NMT 5000 cfu/gm
Yeast & Molds	NMT 100 cfu/gm
Escherichia coli	Absent
Salmonella	Absent
Pseudomonas Aeruginosa	Absent
Staphylococcus aureus	Absent

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

ANALYZED BY	REVIEWED BY	APPROVED BY
Q.C Executive	Q.C Manager	Q.A manager
		

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JAS-ANZ

