



SPECIFICATION SHEET

Product Name	Nigella Sativa Ext
Botanical Name	Nigella Sativa

PARAMETERS	SPECIFICATION
PHYSICAL CHARACTERISTICS	
Description	Brown Colored free flowing Powder
Odour	Characteristic
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	0.40-0.90 Gm/ml
Water soluble extractive value	NLT 75%
Sieve Test	100% passes Through 40#
Assay	
Alkaloids	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 1000 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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