Date: 23-04-2024

SPECIFICATION SHEET

Product Name	**Ashwagandha Ext D.P 10%**
Botanical Name	***Withania somnifera***
Herb Extract Ratio	**15:1**

PARAMETERS	SPECIFICATION
PHYSICAL CHARACTERISTCS	
Description	**Brown coloured free flowing powder**
Identification by TLC	**TLC Fingerprint of sample match with the Standard**
Loss on Drying (w/w)	**NMT 6%**
pH 1% w/v solution	**3-7**
Bulk Density: Untapped **: Tapped**	**0.3-0.7 Gm/ml** **0.4-0.9 Gm/ml**
Solubility in Water	**NLT 70%**
Sieve Test	**100% passes Through 40#**
CHEMICAL PARAMETERS	
Withanolides (By GV)	**NLT 10%**
Withaferin A (By HPLC)	**NMT 0.5%**
Flavonol Glycosides	**Less Than 1 PPM**
Heavy Metals	
Arsenic	**NMT 1 PPM**
Lead	**NMT 1 PPM**
Mercury	**NMT 0.1 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 Then, NLT- Not Less then, cfu/gm- Colony Forming Unit/gram

ANALYZED BY	REVIEWED BY	APPROVED BY
Q.C Executive	Q.C Manager	Q.A manager
		NECTAR PHYTOCHEMS PVT. LTD. NOIDA INDIA

NECTAR PHYTOCHEMS PVT. LTD.

Corp. Office : 167, 6th Floor, Tower-A, The Corenthum, A-41, Sector-62, Noida-201301
Works : Village-Jhandi Chaur (West), Kotdwar, Uttarakhand, Contact : +91-0120-4504243
E-mail : md@nectarphyto.com, sales@nectarphyto.com
Website : www.nectarphyto.com, www.nectarbio.com

AN ISO 9001 : 2015 CERTIFIED COMPANY
JAS-ANZ
IAF