

Product Name	Ashwagandha	Extract	
Botanical Name	Withania somnifera	Extract	
Part Used	Root		
Lot Number	EXT/ASW/0205/10/16		
Manufacturing Date	October 2016		
Expiry Date	3 Years from Date of Manufacture		
Country of Origin	India		
Country to Supply	USA		
Certification	Organic & Kosher Certified		
PARAMETERS	SPECIFICATION	RESULT	TESTING METHOD
PHYSICAL PARAMETERS			
Colour	Light Brownish	Confirms	Visual
Particle Type	Coarse Powder	Confirms	Visual
Taste	Characteristic	Confirms	Taste
Odour	Aromatic	Confirms	Smell
ASSAY FOR ACTIVITY			
Withanoloids	NLT 2%	Confirms	Gravimetric
Tap Density	0.85 - 1.2	Confirms	Lab Test
Loss on Drying	NMT 5%	Confirms	5g/105°C/3Hrs
Mesh Size 20	84%-100%	90%	Lab Test
Mesh Size 60	38%-98%	55%	Lab Test
Mesh Size 100	17%-80%	45%	Lab Test
Solubility in Alcohol	NLT 50%	Confirms	Lab Test
Additive Maltodextrin	NMT 20%	Confirms	Lab Test
Ash Content	NMT 5%	Confirms	5g/600°C/6-8Hrs
HEAVY METAL LIMITS			
IMPURITIES (AS PER USP)	LIMITS	RESULT	TEST REFERENCE
Heavy Metals	NMT 10 ppm	Confirms	USP
Arsenic	NMT 1 ppm	Confirms	USP
Lead	NMT 2 ppm	Confirms	USP
Mercury	NMT 1 ppm	Confirms	USP
Organic Residual	NMT 0.02%	Confirms	USP
MICROBIAL PROFILE			
Total Plate Count	NMT 5000 CfU	NMT 1000 CfU	Microbial Test
Yeast and Mould	Absent	Absent	Microbial Test
Salmonella	Absent	Absent	Microbial Test
Staphylococcus aureus	Absent	Absent	Microbial Test
Pseudomonas aeruginosa	Absent	Absent	Microbial Test