COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED
U21009KA2023PTC179006
Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.
Email: info@scimplify.com
Website:www.scimplify.com

Finished Product Specification
Ashwagandha Extract 1.5%

- **Botanical/Scientific Name**: *Withania somnifera*
- **Plant Part Used**: Roots
- **Preparation Type**: Extraction
- **Solvent Used for Extraction**: Ethanol
- **Final Extract Ratio**: 1.5 : 1
- **Standardization**: Withanolides

Parameter	Specification	Protocol
Physical Parameters		
Description	Light brown to dark brown colored powder	Visual Inspection
Identification	Positive for Withanolides	HPLC
Loss on Drying	Not more than 6.0% w/w	USP<731>
Bulk Density	Between 0.30g/ml and 0.70g/ml	USP<616>
Particle Size	Not less than 95% w/w	USP<786>
Chemical Specifications		
Total Withanolides (Gravimetry)	Not less than 1.5% w/w on dried basis	Gravimetry
Other		
Lead	Not more than 3.0 ppm	ICP-MS
Arsenic	Not more than 1.0 ppm	ICP-MS
Cadmium	Not more than 1.0 ppm	ICP-MS
Mercury	Not more than 0.1 ppm	ICP-MS
Microbiology		
Total Aerobic Microbial Count	Not more than 10000 cfu/g	USP<2021>
Total Yeast and Mold Count	Not more than 100 cfu/g	USP<2021>
Coliforms	Negative / 10 g	USP<2022>
Escherichia coli	Negative / 10 g	USP<2022>
Salmonella sp.	Negative / 25 g	USP<2022>
Staphylococcus aureus	Negative / 10 g	USP<2022>
Pseudomonas aeruginosa	Negative / 10 g	USP<62>

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Additional Information	
Country of Origin	India
Manufactured By	Cocreate Global Technologies Private Limited
Cultivated or Wild Crafted	Cultivated
Shelf Life	2 Years
Storage Condition	Store in a cool dry place, preferably below 30°C, protected from moisture and direct sunlight