

PRODUCT SPECIFICATION

INCI/Botanical Name	AVENA SATIVA	Product Name	Oats Extract	
Parts of Plant	Grain	Report No	AS/HP/23	
Extraction Ratio	Liquid Extract	Origin	India	
Extraction Base	Water/Solvent	Date of Expiry	02 Years	
Cas No	84012-26-0	HSN Code	13021919	
TEST	SPECIFICATION			METHOD
A. Physical Parameters:				
Solvent Used	PROPYLENE GLYCOL	GLYCERIN	DISTILLED	
Appearance	Clear liquid	---	---	Visual
Color	Faint yellow color	---	---	Visual
Odour / Taste	Characteristic	---	---	Organoleptic
Miscibility				
Water	Miscible	---	---	USP 516
Propylene	Miscible	---	---	USP 516
Alcohol (50% Alcohol)	Miscible	---	---	USP 516
pH (1% Aqu. Solⁿ.)	Between 4.0 to 7.0	---	---	USP 791
Specific Gravity (At 20^oC)	Between 1.16 to 1.23 gm/ml	---	---	Pycnometer
B. Active Ingredients:				
Protein	Presence	---	---	USP
Carbohydrates	Presence	---	---	
Starch	Presence	---	---	
C. Heavy Metals:				
Lead (PB)	NMT 1.0 ppm	---	---	USP 233
Mercury (HG)	NMT 1.0 ppm	---	---	USP 233
Arsenic (AS)	NMT 1.0 ppm	---	---	USP 233
Cadmium (CD)	NMT 1.0 ppm	---	---	USP 233
D. Microbiological Test:				
Total Aerobic Count	NMT 1000 cfu/gm	---	---	USP 2021
Total Yeast & Mold Count	NMT 100 cfu/gm	---	---	USP 2021
Escherichia coli	Absent	---	---	USP 2022
Salmonella	Absent	---	---	USP 2022
S. aureus	Absent	---	---	USP 2022
Staphylococcus	Absent	---	---	USP 2022
E. Other:				
Standard Packing: 25 Kg in single HDPE Container.				
The above material complies with in-house specifications.				
Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30 ^o C.				
The Product Is of Herbal Origin. There May Be Minor Color Difference Due to Geographical and Seasonal Variation of the Plant Material.				

Note: This Is Computer Generated Specification & Does Not Require a Physical Signature.

