



Sophix Natural
And Agro Products Ltd
RC-1615742

Importers and dealers of
- Natural and Organic Oils
- Essential Oils
- Natural Powders
- Clays, etc
- Agro Products
- General Contracts

Certificate of Analysis

Product Name	Oat Beta D Glucan		
INCI Name:	AVENA SATIVA (OAT) β -GLUCAN		
Plant Latin	Avena sativa L.	Used part	Oat Bran
Extract Solvent	Dual extraction with water and ethanol	Specification	Std. to 70% Min. Beta 1, 3/1, 4 D Glucan
Country of Origin	The plant material originated from China.	Batch Quantity	525 kg
Batch Number	20260609	Manufacture Date	20260609
Report Date	20260609		

Items Tested	Specifications	Results	Test Method
Physical and Chemical Analysis			
Assay(Beta 1, 3/1, 4 D Glucan)	70% Min.	72.5%	UV
Appearance	Powder	Conforms	Organoleptic
Color	Light yellow-white Fine Powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
Physical Characteristics			
Particle Size	100% pass 80 mesh	80MESH	USP <786> / Sieve analysis
Loss on Drying	$\leq 5.00\%$	3.21%	USP <731> / Ph.Eur. 2.2.32
Total ash	$\leq 5.00\%$	2.26%	USP<561>
Bulk Density	45-60g/100mL	50g/100mL	USP <616> / Ph.Eur. 2.9.34
Residue of Solvents	None	Conform	USP <467> / GC-MS
Heavy Metals (ICP-MS)			
Lead (Pb)	≤ 10 ppm	Conform	ICP-MS
Arsenic (As)	≤ 2 ppm	<0.2 ppm	ICP-MS
Cadmium (Cd)	≤ 2 ppm	<0.2 ppm	ICP-MS
Mercury (Hg)	≤ 0.50 ppm	<0.03 ppm	ICP-MS
Microbial Limits			
Total Aerobic Microbial Count	≤ 3000 CFU/g	<10 CFU/g	USP <61> / Ph. Eur. 2.6.12
Total Yeast and Mold Count	≤ 300 CFU/g	<10 CFU/g	USP <61> / Ph. Eur. 2.6.12
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

Quality Statement: This product is manufactured under a quality system compliant with cGMP principles for both food and cosmetic applications. Specifications and test methods are established with reference to the relevant ISO Standards, Chinese National Standards (GB), United States Pharmacopeia (USP), and European Pharmacopoeia (Ph. Eur.).

For cosmetic use, the batch fully complies with the requirements of EU Cosmetic Regulation (EC) No 1223/2009, China's Safety Technical Standards for Cosmetics (2015 Edition), and U.S. FDA cosmetic GMP guidelines. For food use, the batch meets the applicable requirements of China's national food safety standards (including GB 2762, GB 2763, GB 7101) and the U.S. FDA Food Safety Modernization Act (FSMA) and applicable food additive regulations.

Storage: Store in tight, light-resistant containers. Avoid exposure to direct sunlight, moisture, and excessive heat.

Shelf Life: 24 months if stored under the above conditions and remains in original packaging.



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