



Wuhan HengHeDa Pharm Co., Ltd

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Wuhan Economic& Technological Development Zone, Wuhan, China

CERTIFICATE OF ANALYSIS

Product name	Fucoidan	Batch NO.	HHD20220510
Quantity	50kg	CAS NO	9072-19-9
Production date	2022-05-10	Expiry Date	2024-05-09
Test based on enterprise standard			
Test Item	Specification	Result	
Fucoidan	$\geq 85\%$	85.09% by UV	
Appearance	White Fine Powder	Complies	
Viscosity	3-15cp	Complies	
Soluble in water	Soluble	Complies	
L-Fucose	$\geq 23.0\%$	24.65%	
Organic SO42-	$\geq 20.0\%$	21.22%	
Carbohydrate	$\geq 60.0\%$	63.52%	
Alginic Acid	$\leq 31.0\%$	25.15%	
Loss on Drying	$\leq 7.0\%$	4.37%	
Ash	$\leq 3.0\%$	2.70%	
Pb	$\leq 3.0\text{ppm}$	Complies	
As	$\leq 2.0\text{ppm}$	Complies	
Cd	$\leq 1.0\text{ppm}$	Complies	
Hg	$\leq 0.1\text{ppm}$	Complies	
Total Plate Count	$\leq 1,000\text{cfu/g}$	Complies	
Mold and Yeast	$\leq 100\text{cfu/g}$	Complies	
E.Coli	Negative	Negative	
Salmonella	Negative	Negative	

Staphylococcus	Negative	Negative
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Storage	Store in cool & dry place, keep away from strong light and heat.
Shelf life	2 years when properly stored.
Conclusion: This product complies with above specification.	

Inspector

Shen Wu

Director

King Yang

