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CERTIFICATE OF ANALYSIS

Product	Chondroitin Sulfate	Origin	Shark
Batch no.	201208	Quantity	100KG
Net weight	25KG/Drum	Product date	Dec.08, 2020
Gross weight	28KG/Drum	Expiry date	Dec.07, 2022
Items & Results			
Item	Spec.	Result	
Appearance	White to off-white powder	Complies	
Identification	Infra Red Confirmed	Complies	
	Sodium reaction	Positive	
Assay	≥90%	91.2%	
Loss on drying	≤10.0%	8.9%	
Protein	≤6.0%	3.66%	
Heavy Metal	≤20ppm	Complies	
pH (1% H₂O Solution)	≤5.5-7.5	6.53	
Specific Rotation	-20° ~ -30°	-22.5°	
Residue on Ignition	20%-30%	21.3%	
Clarity (5% H₂O Solution)	<0.35@420nm	0.25	
Electrophoretic Purity	≤2.0%	Complies	
Microbiological Test			
Total Plate Count	≤1000 cfu/gm	Complies	
Yeast & Mold	≤100 cfu/gm	Complies	
Coliforms	Absent	Absent	
Staphylococcus Aureus	Absent	Absent	
Salmonella	Absent	Absent	
Particle Size	100% pass through 80 mesh	Complies	
Packaging and storage: Preserve in tight, light-resistant containers.			
Conclusion: The test product conform to USP39 standard.			
Analyst	马亮	Review	刘爱琴
		Inspector	李敏

