



CERTIFICATE OF ANALYSIS

Product:	CHONDROITIN SULPHATE SODIUM		
Original	Shark(Terrestrial)	Report Date	2022/9/15
Batch No.:	CH20220910	Quantity:	1000KGS
Net Weight:	25KG/DRUM	Gross weight:	27.5KG/DRUM
Manufacturing Date:	2022/09/10	Expiry Date:	2022/9/09

ITEMS	SPECIFICATIONS (TEST METHOD)	RESULT
Appearance	White to off-white powder	Pass
Identification	Infra Red Confirmed (USP197K)	Pass
	Sodium reaction (USP191)	Positive
Assay(ODB)	NLT90% (CPC)	90.8%
Loss on drying	Less than10%(USP731)	8.7%
Protein	NMT6.0%(USP34)	4.8%
Sulfate	NMT0.24%	<0.24
Chloride	NMT0.5%	<0.5%
Heavy Metal	NMT20PPM (Method / USP231)	Pass
PH (1%H ₂ O solution)	5.5-7.5(USP791)	6.6
Specific Rotation	- 12°~ -20°(USP781S)	-16.5°
Residue on Ignition	20%-30%(dry base)(USP281)	24.8%
Organic Volatile Residual	NMT0.5% (USP467)	PASS
Clarity (5%H ₂ O solution)	<0.35@420nm	0.21
Electrophoretic purity	NMT2.0%(USP726)	Pass
Total Bacteria Count	<1000CFU/g (USP2021)	Pass
Yeast & Mold	<100CFU/g (USP2021)	Pass
Salmonella	Negative (USP2022)	Negative
E.Coli	Negative (USP2022)	Negative
Staphylococcus Aureus	Negative (USP2022)	Negative
Particle size	100% through 80 mesh	Pass

Storage: 25kg/drum, keep in an airtight container, protected from light.



ing Natural Ingredient From Nature

Shaanxi Guanjie Technology Co., Ltd.

Conclusion:conforms to the requirement.