

LINYICITYXINSHENGBIOTECHNOLOGYDEVELPMENTCO.LTD

Certificate of Analysis

Product Name	Chondroitin Sulfate USP36		
Batch No.	CCS20150708	Quantity	2000kg
Production Date	July 8, 2015	Expiration Date	July 7, 2017

Item	Specification	Method	Results
Appearance	White powder or light yellow powder	Visual	White powder
Identification	A: Infrared absorption spectrum same as standard's B: A solution containing 0.5g in 10mL of water meets the requirements of the test for sodium	USP36<197> USP36<191>	Complies
Specific rotation	Between -20.0° and -30.0° (test solution: 30mg/mL)	USP36<781S>	-26.1°
Residual Solvents	Ethanol ≤0.5%	USP36	0.5%
Chondroitin Sulfate Assay	≥90.0% CPC ≥90.0% HPLC	USP36	91.6% 90.8%
Loss on Drying	≤10.0%	USP36<731>	7.5%
Residue on Ignition	Between 20.0% and 30.0%	USP36<281>	26.1%
Heavy Metals	<10ppm	USP36<231> method II	Complies
Lead	<0.5 ppm	USP36	Complies
As	≤1ppm	USP36	Complies
Sulfate	≤0.24%	USP36	Complies
Chloride	≤0.5%	USP36	Complies
PH	Between 5.5 and 7.5 (test solution: 1 in 100)	USP36<791>	6.1
Content of Protein	≤6.0% (Dried Baasis)	USP36	2.4%
Staph	Negative		Negative
E.Coli	Negative		Negative
Yeast & Mold	NMT 100 cfu/g		Complies
Salmonella	Negative		Negative
Clostridium	Negative	USP36	Complies
Total Plate Count	NMT 3000 CFU/G	USP36<2021>	Complies
Particle size	100% through 80 mesh	USP36	Complies
Impurities	<2%	USP36	Complies

Country of Origin: China

Source of Origin: China

Storage Recommendations: Keep in a cool, well-ventilated and dry place.

Address: Huawu Road And Luo 7 Road Intersection Points Luozhuang Zone