

19535 East Walnut Drive South, City of Industry, CA 91748 toll free **866.262.6699** direct **626.964.6910** fax **626.964.6739** techsupport@aidp.com

Certificate of Analysis

Product Name:	Chondroitin Sulfate Sodium	
Batch #:	CS20161002	
Product Code:	C1385	
Manufacture Date:	September 24, 2016	
Expiration Date:	September 23, 2018	
Country of Origin:	China	

Physical Appearance Specific rotation pH Clarity and color of solution	Specification White to light yellow powder -20° ~ -30° 5.5 ~ 7.5 < 0.35	Result Conforms -25.76° 6.5 0.138	<mark>Method</mark> Visual USP 1 in 100 USP
<u>Composition</u> Assay (ODB) Chondroitin Sulfate Sodium Loss on drying Residue on ignition Protein Chloride	> 90.0% ≤ 10% 20% ~ 30% ≤ 6.0% ≤ 0.5%	92.66% 9.20% 24.66% 2.85% < 0.5%	CPC USP USP USP USP
Safety Heavy metal Microbiology Total plate count Yeast and mold E. coli Salmonella	< 20 ppm ≤ 3,000 cfu/g ≤ 300 cfu/g Negative Negative	< 20 ppm < 1,000 cfu/g < 100 cfu/g Negative Negative	USP AOAC AOAC AOAC AOAC

Lucy Zhang

Source: Porcine

Approved by: Lucy Zhang 1/6/2017, 5:22 pm

This material does not contain milk, egg, fish, crustacean shellfish, tree nuts, peanuts, wheat and soybean.

Storage: keep in tightly sealed container, away from excess heat and light.

This is to confirm that the above COA results are derived from manufacturer's original COA.