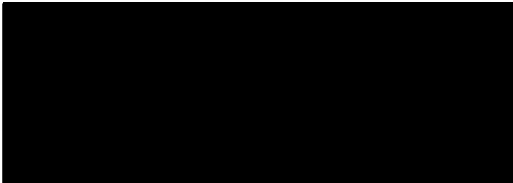




# ANALYTICAL LABORATORIES IN ANAHEIM, INC.

2951 Saturn Street Unit C, Brea, CA 92821 Ph: (714)524-9988 Fax:(714)524-9926  
Website: <http://www.analytical-lab.com>



Receive Date: 05-09-2017

Report Date: 05-24-2017

Job#: 97764 Sample: RW00B38, Chondroitin Sulfate (Porcine)

Lot#: CS20170310

Analysis	Claim	Result
Chondroitin disaccharide $\Delta$ di-4S sodium salt	47.9%	
Chondroitin disaccharide $\Delta$ di-6S sodium salt	18.0%	
Chondroitin disaccharide $\Delta$ di-0S sodium salt	9.44%	
Total Chondroitin disaccharide	75.4%	82.6%
(Equivalent to USP Chondroitin Sulfate Reference Standard)		
Chondroitin Sulfate A	56.3%	
Chondroitin Sulfate C	21.2%	
Nonsulfate chondroitin	11.1%	
<b>Total Chondroitins (Enzymatic HPLC)</b>	<b>88.6%</b>	<b>97.0%</b>
Loss on Dry	8.71%	

Method: ALC150A (Enzymatic-HPLC);

Chondroitin disaccharide di-0S sodium salt, Sigma C3920 010M1203

Chondroitin disaccharide di-4S sodium salt, Sigma C4045 010M1206

Chondroitin disaccharide di-6S sodium salt, Sigma C4170 098K1122

USP Reference Standard: cat# 1133570, lot# R039A0

Dry condition: 105 C for 4 hours.

Chemist:

*hy* for MK 24 May 17

Director, David Ji:

*David Ji*

*J. 24 May*