



ANALYTICAL LABORATORIES IN ANAHEIM, INC.

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Receive Date: 05-09-2017

Report Date: 05-24-2017

Job#: 97765 Sample: RW00B38, Chondroitin Sulfate (Porcine)
Lot#: CS20170311

Analysis	Result (as is)	Result (dry base)
Chondroitin disaccharide Δdi-4S sodium salt	49.3%	
Chondroitin disaccharide Δdi-6S sodium salt	18.6%	
Chondroitin disaccharide Δdi-0S sodium salt	10.1%	
Total Chondroitin disaccharide	78.0%	85.4%
(Equivalent to USP Chondroitin Sulfate Reference Standard)		
Chondroitin Sulfate A	58.0%	
Chondroitin Sulfate C	21.8%	
Nonsulfate chondroitin	11.9%	
Total Chondroitins (Enzymatic HPLC)	91.7%	100%
Loss on Dry	8.65%	

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: *[Signature]* Fav Mk 24 May 17

Director, David Ji: *[Signature]* 24 May 17