



ANALYTICAL LABORATORIES IN ANAHEIM, INC.

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Mid-West Nutrition, Inc.

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Job#: 97199 Sample: Chondroitin Sulfate 90% Porcine

Lot#: CS20170310

Attn: Michele

Receive Date: 04-24-2017

Report Date: 05-10-2017

Analysis	Result (as is)	Result (dry base)
Chondroitin disaccharide 6di-4S sodium salt	48.4%	
Chondroitin disaccharide di-6S sodium salt	17.8%	
Chondroitin disaccharide 6di-0S sodium salt	8.84%	
Total Chondroitin disaccharide	75.0%	82.2%
(Equivalent to USP Chondroitin Sulfate Reference Standard)		
Chondroitin Sulfate A	57.8%	
Chondroitin Sulfate C	21.3%	
Nonsulfate chondroitin	10.6%	
Total Chondroitins (Enzymatic HPLC)	89.7%	98.3%
Loss on Dry	8.78%	

Method: ALC150A (Enzymatic-HPLC);

Chondroitin disaccharide di-0S sodium salt Sigma C3920 OIOM 1203

Chondroitin disaccharide di-4S sodium salt. Sigma C4045 OIOM 1206

Chondroitin disaccharide di-6S sodium salt. Sigma C4170 098K 1122

USP Reference Standard: calcium 11335 70, lotF-R039AO

Dry condition : 105 C for 4 hours.

Chemist:

for 1 r1L in May 17

Director, David Ji: