

Certificate of Analysis

Pharmore Ingredients

12569 S 2700 W Suite 201
Riverton Utah 84065 United States

Sample Name:	Chondroitin Sulfate Sodium 90Percent Dry Basis	Eurofins Sample:	10255718
Project ID	PHARM_INGR-20210129-0002	Receipt Date	29-Jan-2021
PO Number	25778	Receipt Condition	Ambient temperature
Lot Number	803200709	Login Date	29-Jan-2021
Sample Serving Size		Date Started	01-Feb-2021
		Sampled	Sample results apply as received
		Online Order	20

Analysis	Result
Loss on Drying	
Loss On Drying	7.6 %
Content of Chondroitin Sulfate Sodium	
Chondroitin Sulfate Sodium Salt	94.9 % (on Dry Basis)
Determination of Chondroitin Sulfate by Enzymatic-UPLC	
Chondroitin disaccharide di-4S sodium salt	64.0 % (on Dry Basis)
Chondroitin disaccharide di-6S sodium salt	14.3 % (on Dry Basis)
Chondroitin disaccharide di-0S sodium salt	4.68 % (on Dry Basis)
Total Chondroitin Disaccharides	83.0 % (on Dry Basis)
Chondroitin Sulfate A (Equivalent to USP Chondroitin Sulfate Reference Standard)	70.3 % (on Dry Basis)
Chondroitin Sulfate C (Equivalent to USP Chondroitin Sulfate Reference Standard)	15.7 % (on Dry Basis)
Nonsulfate Chondroitin (Equivalent to USP Chondroitin Sulfate Reference Standard)	5.14 % (on Dry Basis)
Total Chondroitins (Equivalent to USP Chondroitin Sulfate Reference Standard)	91.2 % (on Dry Basis)

Method References	Testing Location
-------------------	------------------

Content of Chondroitin Sulfate Sodium (OC_CHON_S)	Food Integrity Innovation-Brea 2951 Saturn Street, Unit C Brea, CA 92821 USA
The United States Pharmacopeia, 40th Revision, USP Convention, Inc.: Rockville, MD (2017).	

Determination of Chondroitin Sulfate by Enzymatic-UPLC (OC_CHENZ_S)	Food Integrity Innovation-Brea 2951 Saturn Street, Unit C Brea, CA 92821 USA
AOAC 2015.11 (modified)	

Loss on Drying (OC_LOD_S)	Food Integrity Innovation-Brea 2951 Saturn Street, Unit C Brea, CA 92821 USA
----------------------------------	--

Certificate of Analysis

Pharmore Ingredients

12569 S 2700 W Suite 201
Riverton Utah 84065 United States

Testing Location(s)**Released on Behalf of Eurofins by****Food Integrity Innovation-Brea****Robert Grahn - Manager**

Eurofins Food Chemistry Testing US, Inc.
2951 Saturn Street
Unit C
Brea CA 92821
800-675-8375

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins.