

Test Certificate No.:
53255/2019

<p>Testing laboratory EUROFINS BEL/NOVAMANN s. r. o. Komjatická 73, 940 02 Nové Zámky IČO: 31 329 209 Place of work: Testing laboratory Bratislava Kollárovo nám. 9, 811 07 Bratislava tel.: 0911 810 533, fax: 02/52620178 Bratislava@eurofins.sk, www.eurofins.sk</p>	<p>Customer RJ Trading s.r.o. Božčická 13/5 094 13 Dlhé Klčovo Slovenská republika</p>
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Product information No.: 53255
 Sample description: Chondroitin Sulfate
 Gross weight (volume): 50 g
 Expiration date: 01.08.2020
 Lot/Los-Nr.: CS20180893

Information about Sampling:
 Sampler: customer

Sample reception date: 15.05.2019 **Date of Testing:** 15.05.2019 - 20.05.2019 **Certificate issued on:** 20.05.2019

Physical and chemical tests

Parameter	Unit	Allowed Value	Measured Value	Uncertainty*	Method	Testing method /Process variance	E	SL	TT
Loss on drying	%	-	9,60	1,9%	G	ŠPP 004-F (Ph. Eur.)	-	BA	A
Content of chondroitin sulphate calculated on USP standard	%	-	87,01	20%	HPLC-DAD	ŠPP 027-F	-	BA	A

The result is calculated as dry substances

Method
 HPLC-DAD high performance liquid chromatography with diode array detector
 G gravimetry

Notes:

E - evaluation S - satisfied NS - not satisfied ŠPP, LS-PP-CH - Standard operation procedure ND - not detected by given method CFU - Colony forming unit NM - necessary quantity m - the highest allowed value at the case of one sample M, c - "M" highest allowed value for the number "c" at the case of 5 sample's evaluation * - uncertainty determined by extension coefficient k=2 (with probability of 95%) does not include the uncertainty of sampling. - uncertainty given in units of analysed parameter reflects the uncertainty to the result of measurement. - uncertainty given in % reflects the uncertainty from the result of measurement.	TT - type of test A - accredited test executed at the own test laboratory N - non accredited test executed at the own test laboratory SA - accredited test executed under the subcontract SN - unaccredited test executed under the subcontract TM - testing outside the laboratory at the customer
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SL - analysing laboratory: BA-Bratislava, NZ-Nové Zámky, PN-Piešťany, TR-Turčianske Teplice, RK-Ružomberok, TV-Trebišov

Disclaimer: Laboratory is a disclaimer when the information is supplied by the customer and can affect the validity of results. If the sample has been provided by the customer, the results refer to the sample as it was received. Gauges and measuring equipment used for testing were calibrated or attested in accordance with the valid metrological instructions. The above mentioned test results refer to the tested sample only! The result given in this Test Certificate and marked as non accredited test shall not be a subject of accreditation. The result given in this Test Certificate and marked as sub-delivery is the result of a Subcontractor's gauging made under the terms and conditions of a contract concluded with him. It's not possible reproduce or incorporate the test certificate into promotional materials without laboratory written authorization! SNAS is a Signatory to the Multilateral Agreement MRA ILAC.



Test results have been electronically validated by: Ing. Roman Poláček, PhD.

Worked out by: Ing. Roman Poláček, PhD.
Document No.: 42025/2019



Test Certificate approved by:
Ing. Roman Poláček, PhD.
Deputy Head of Laboratory Bratislava

