

**Test Certificate No.:**  
**2237/2024**

<b>Testing laboratory</b> Eurofins BioPharma Product Testing Slovakia s.r.o. Radlinského 9, 811 07 Bratislava IČO: 31 329 209 Place of work: <b>Testing laboratory Bratislava</b> Kollárovo nám. 9, 811 07 Bratislava Tel.: 0911 810 533 cspharmask@bpt.eurofinseu.com, www.eurofins.sk	<b>Customer</b> Alchimica s.r.o.  Žirovnického 694 25263 Roztoky, Praha-západ Česká republika
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**Product information No.:** 2237  
 Sample description: Chondroitin sulfát Bovine směsný vzorek - batch.: DCS2312505, DCS2312506

**Sample reception date:** 26.02.2024      **Date of Testing:** 26.02.2024 - 08.03.2024      **Certificate issued on:** 25.04.2024

**Physical and chemical tests**

Parameter	Unit	Allowed Value	Measured Value	Uncertainty*	Method	Testing method	E	SL	TT
Loss on drying	%	-	9,07	1,9%	G	ŠPP 004-F (Ph. Eur.)	-	BA	A
Content of chondroitin sulphate calculated on USP standard	%	-	90,472	20%	HPLC-DAD	ŠPP 027-F	-	BA	A

Result is calculated on dry basis.

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



Eurofins BioPharma Product Testing Slovakia s.r.o.  
 Radlinského 9, 811 07 Bratislava  
 IČO: 31329209 DIČ: 2020297697  
 IČ DPH: SK2020297697

**Notes:**

E - evaluation	TT - type of test
S - satisfied	(A) - accredited sampling
NS - not satisfied	A - accredited test executed at the own test laboratory
ŠPP, LS-PP-CH - Standard operation procedure	N - non accredited test executed at the own test laboratory
ND - not detected by given method	SA - accredited test executed under the subcontract
CFU - Colony forming unit	SN - unaccredited test executed under the subcontract
NM - necessary quantity	TM - testing outside the laboratory at the customer
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.	
SL - analysing laboratory: BA-Bratislava, PN-Piešťany	

**Disclaimer:** The laboratory is not responsible for the information provided by the customer, which can affect the validity of the 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 eith 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. Terézia Lopatová

Worked out by: Bc. Martin Tóth  
Document No.: 3052/2024



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Test Certificate approved by:  
Ing. Terézia Lopatová  
Specialist

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**Product information No.:** 2238

Sample description: Chondroitin sulfát Porcine směsný vzorek - batch.: DCS2311519, DCS2311520

**Sample reception date:** 26.02.2024      **Date of Testing:** 26.02.2024 - 08.03.2024      **Certificate issued on:** 25.04.2024

**Physical and chemical tests**

Parameter	Unit	Allowed Value	Measured Value	Uncertainty*	Method	Testing method	E	SL	TT
Loss on drying	%	-	9,69	1,9%	G	ŠPP 004-F (Ph. Eur.)	-	BA	A
Content of chondroitin sulphate calculated on USP standard	%	-	90,484	20%	HPLC-DAD	ŠPP 027-F	-	BA	A

Result is calculated on dry basis.

**Method**

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

**Notes:**

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Test results have been electronically validated by: Ing. Terézia Lopatová

Worked out by: Bc. Martin Tóth  
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Product Testing

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