

Certificate of Analysis

Product name: **Glucosamini sulfas 2NaCl**
Batch number / Weight: **21C26-B01-213940 / 1 KG**
Analysed according to: **Ph. Eur.**

Tests	Requirement	Result	Unit	Standard remark
Appearance	White, crystalline powder	Conform		
Identification A	Conform	Conform		
Identification B	Conform	Conform		
Identification C	Conform	Conform		
Identification D	Conform	Conform		
Identification E	+50,0 - +55,0	Conform	%	
Appearance of solution	Clear / colourless	Conform		
pH	3,0 - 5,0	4,19		
Specific optical rotation	+50,0 - +55,0	+53,8	°	
Related substances	Conform	Conform		
Unspecified impurities	<=0,05	0,036	%	
Total impurities	<=0,2	0,036	%	
Loss on drying	<=0,5	0,03	%	
Sulphated ash	23,5 - 26,0	24,65	%	
Metallic residues	CHMP/ICH/353369/2013	Conform		Data producer
Residual solvents	CPMP/ICH/82 260/06	Conform		
D-Glucosamine sulphate. 2NaCl	98,0 - 102,0	101,48	%m/m	
Total aerobic microbial count (TA)	<=1000	Conform	CFU / g	
Total yeasts and moulds (TYMC)	<=100	Conform	CFU/g	
E. coli	Negative / gram	Conform		
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		Data producer

Analysis performed by the authorized lab.

Release:

Ewelina Gadzinowska

Qualified Person

19-05-2022

Expiration: 30-06-2023

Conclusion: APPROVED

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