

Certificate of Analysis

Product name: **Levocarnitini tartras**
Batch number / Weight: **21L02-B05-213387 / 100 G**
Analysed according to: **Monograph**

Tests	Requirement	Result	Unit	Standard remark
Appearance	White cristal powder	Conform		
Identification A	Conform	Conform		
Identification B	Blue / red	Conform		
Melting point	About 173	174	°C	
Specific optical rotation	-11,0 - -9,5	-9,7		
Appearance of solution	Clear / colourless	Conform		
pH	3,0 - 4,5	3,7		
Chlorides	<=200	<200	ppm	
Sulphates	<=200	<200	ppm	
Heavy metals	<=10	Conform	ppm	
Water (Karl Fischer)	<=0,5	0,14	%	
Sulphated ash	<=0,1	0,07	%	
Tartaric acid		32,5		
L-Carnitine	67,2-69,2	67,9		
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		
Metallic residues	CHMP/ICH/353369/2013	Conform		
Residual solvents	CPMP/ICH/82 260/06	Conform		

Analysis performed by the authorized lab.

Release:
Ewelina Gadzinowska
Qualified Person

06-06-2022

Expiration: 14-10-2023

Conclusion: APPROVED

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