

Certificate of Analysis

Product name: **Cyanocobalaminum**
Batch number / Weight: **21H13-B10-226283 / 1 G**
Analysed according to: **Ph. Eur. 10.8**
Number of analysis / Inspection Code **21H13-B10 / INS-21-5807**
Reference Code / No.: **V01397 / C200718D**

Tests	Requirement	Result	Unit	Standard remark
Appearance	Dark-red, crystalline powder or dark-red crystals	Conform		
Identification A	Conform	Conform		
Identification B	Conform	Conform		
Related substances	<=3	Conform		
Impurity C	<=1,5	0,46	%	
Impurity A	<=0,7	0,15	%	
Impurity B	<=0,5	<0,1	%	
Impurity D	<=0,5	<0,1	%	
Impurity E	<=0,5	0,18	%	
Impurity F	<=0,5	<0,1	%	
Unspecified impurities	<=0,2	0,17	%	
Total impurities	<=3,0	0,96	%	
Loss on drying	<=12,0	4,02	%	
Metallic residues	CHMP/ICH/353369/2013	Conform		Data producer
Residual solvents	CPMP/ICH/82 260/06	Conform		Data producer
Assay Cyanocobalamin	96,0 - 102,0	99,7	%m/m	
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		Data producer

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All the manufacturing stages of this batch have been carried out in full compliance with the GMP requirements of the EU and with the national legal requirements.

Analysis performed by the authorized lab EL Spol

Release:

Ewelina Gadzinowska

Qualified Person

15-12-2022

Expiration: 15-07-2025

Conclusion: APPROVED

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