



TEST REPORT NO 684194/24/GDY

Client NADARRA GmbH Alsterkamp 19 20149 Hamburg		Sample (according to declaration of Client) Sample description: Vitamin B12 Nadarra, 30 ml Batch: B12N/22102024 Production date: 22.10.2024 Expiry date: 22.04.2026	
Sample reception date:	04.11.2024	Sample status: no objections Sample received from the Client	
Start of analysis	05.11.2024		
End of analysis	07.11.2024		
Test report date	07.11.2024		

Test Method	Unit	Result	Criteria	Statement of conformity
* Mercury (Hg) ²⁾ PB-30/CVAAS ed. 6 of 09.06.2023	mg/kg	0,0009 ± 0,0001	≤ 0,10	Pass
* Content of elements ^{1) 2)} PB-68/ICP ed. III of 18.09.2012				
Cadmium (Cd)	mg/kg	< 0,002 (0,002 ± 0,001)	≤ 1,0	Pass
Lead (Pb)	mg/kg	< 0,05 (0,05 ± 0,01)	≤ 3,0	Pass

- 1) The lower limit of the measuring range of the accredited method, which is also the limit of quantification set by the Laboratory.
- 2) Commission Regulation (EU) 2023/915 of 25 April 2023, as amended, on maximum levels for certain contaminants in food and repealing Regulation (EC) No 1881/2006.

Authorized by:
ID: 94, Analysis Expert, Spectrometry Laboratory

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Laboratory address:
Chwaszczyńska 180, 81-571 Gdynia

The results refer only to the samples received. When a measurement uncertainty is given, it is an expanded uncertainty estimated for a coverage factor $k=2$ at 95% confidence level and is not including sampling uncertainty, unless otherwise stated. When the conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019, unless otherwise reported. If the "result" column of the accredited method contains a record: "<" or ">", it means, that it is the test outcome directly related to the lower or upper limit of the measuring range of the accredited method, whereas the given expanded measurement uncertainty relates only to the lower or upper limit of the measuring range of the accredited method respectively. In such a case, the Laboratory presents the opinion and interpretation in the "statement of conformity" column, which is based on the obtained test outcome. This test report may not be copied in part without the prior written permission of J.S. Hamilton Poland Sp. z o.o. The responsibility of J.S. Hamilton Poland Sp. z o.o. is limited solely to the data issued in its original. J.S. Hamilton Poland Sp. z o.o. does not permit the use of the PCA accreditation symbol AB 079 by customers, subcontractors, external service providers and other third parties. For further information please refer to the PCA document - DA-02. The service confirmed by this report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on www.hamilton.com.pl.

* Test method accredited
Test performed by external provider

THE END OF THE REPORT