

TEST REPORT NO 541618/22/GDY

Client NUTRAWAY SP. Z O.O. PREZYDENTA GABRIELA NARUTOWICZA 40/1 90-135 Łódź		Sample (according to declaration of Client) Sample description: Ashwagandha liquid extract Batch: AG-NW11.1122
Sample reception date:	29.11.2022	Sample status: no objections Sample received from the Client
Start of analysis	29.11.2022	
End of analysis	05.12.2022	
Test report date	05.12.2022	

Test Method	Unit	Result	Criteria	Statement of conformity
* Content of elements ^{1) 2)} PN-EN 15763:2010				
Lead (Pb)	mg/kg	< 0,010 (0,010 ± 0,003)	-	-
Arsenic (As)	mg/kg	< 0,010 (0,010 ± 0,002)	-	-
Cadmium (Cd)	mg/kg	< 0,0010 (0,0010 ± 0,0002)	-	-
Mercury (Hg)	mg/kg	< 0,0010 (0,0010 ± 0,0002)	-	-
* Aerobic colony count at 30°C PN-EN ISO 4833-1:2013-12	cfu/g	<1,0x10 ¹	-	-
* Presence of coagulase-positive staphylococci (Staphylococcus aureus and other species) in 1 g PN-EN ISO 6888-3:2004; PN-EN ISO 6888-3:2004/AC:2005	in 1 g	Not detected	-	-
* Number of yeasts and moulds at 25°C PN-ISO 7954:1999 (withdrawn)	cfu/g	<1,0x10 ¹	-	-
* Presence of Escherichia coli in 1 g PN-ISO 7251:2006	in 1 g	Not detected	-	-
* Presence of Salmonella spp. in 25 g PN-EN ISO 6579-1:2017-04; PN-EN ISO 6579-1:2017-04/A1:2020-09	in 25 g	Not detected	-	-
* Presence of Listeria spp. in 25 g PN-EN ISO 11290-1:2017-07	in 25 g	Not detected	-	-

1) Commission Regulation (EC) No 1881/2006 of 19 December 2006, as amended, setting maximum levels for certain contaminants in foodstuffs.

2) The lower limit of the measuring range of the accredited method, which is also the limit of quantification set by the Laboratory.

Authorized by:
 Ada Okunek, Analysis Expert, Microbiology Laboratory
 Anna Polanin, Manager, Microbiology Laboratory
 Katarzyna Szpinda, Analysis Expert, Spectrometry Laboratory

The test report bears the certified electronic seal of J.S. Hamilton Poland Sp. z o.o.

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THE END OF THE REPORT

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