

Analytical report AR-24-SZ-054695-02



Testing laboratory:

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Customer:



Date of Sample Receipt: 01.08.2024 Date of Testing: 01.08.2024 - 07.08.2024

Issue date: 08.08.2024

Information about Sampling:

Sampler: customer

Sample information: 147-2024-00072450

Sample description: Alpine Labs Arginine-Pure L-arginine 60caps

Producer:

Expiration date: 10/2026

Lot/Los-Nr.: L231428

Physical and chemical tests

Parameter	Unit	Allowed Value	Measured Value	Uncertainty of Method measurement*	Testing method	E	TT
Cadmium (Cd)	mg/kg	≤1,0	<0,10	-	ICP-MS	LS-PP-CH-85	S SA
Lead (Pb)	mg/kg	≤3,0	<0,30	-	ICP-MS	LS-PP-CH-85	S SA
Mercury (Hg)	mg/kg	≤0,10	<0,010	-	ICP-MS	LS-PP-CH-85	S SA

JUDGEMENT

Results of measurement - cadmium, lead, mercury comply with requirements given in COMMISSION REGULATION (EU) 2023/915 of 25 April 2023 on maximum levels for certain contaminants in food and repealing Regulation (EC) No 1881/2006.

The statement(s) of compliance / non-compliance with the specification (or requirements) is based on a 95% probability of coverage for the expanded measurement uncertainty of results on which decision rule is based according to ILAC-G8:09/2019.

The conformity / non-conformity assessment cannot be confused with the results of the conformity assessment carried out by the inspection or certification body.

Notes:

E - evaluation

S - satisfied

NS - not satisfied

(A) - accredited sampling

SPP - Standard operation procedure

(SA) - accredited sampling executed under the subcontract

m - the highest allowed value at the case of one sample

M, c - "M" highest allowed value for the number "c" at the case of 5 sample's evaluation

* - measurement uncertainty – sampling and analysis – determined by extension coefficient k=2 (with probability of 95%). If sample is taken by the customer uncertainty of sampling is not available.

- uncertainty given in % reflects the uncertainty from the result of measurement.

** - Acceptable to consumers and no abnormal change

ND - not detected by given method

LOQ, LQ – limit of quantification

CFU - Colony forming unit

NM - necessary quantity

TT - type of test

A - accredited test executed at the own test laboratory

N - non accredited test executed at the own test laboratory

SA - accredited test executed under the subcontract

SN - unaccredited test executed under the subcontract

(TM) - testing outside the laboratory at the customer


Disclaimer:

Laboratory is a disclaimer when the information is supplied by the customer (#) and can affect the validity of results. If the sample has been provided by the customer, the results refer to the sample as it was received. Gauges and measuring equipment used for testing were calibrated or attested in accordance with the valid metrological instructions. The above mentioned test results refer to the tested sample only! The result given in this Analytical report and marked as non accredited test shall not be a subject of accreditation. The result given in this Analytical report and marked as sub- delivery is the result of a Subcontractors gauging made under the terms and conditions of a contract concluded with him. This Analytical report shall not be reproduced except in full colour version, without written approval of the laboratory.

Responsible for correctness:

Validity check of document



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