



EKOCESTRUM OVALAB, s. r. o.

Testing Laboratory EKOCESTRUM OVALAB
Testing Laboratory no. 1162 Accredited by CIA
according to SN EN ISO/IEC 17025:2018
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TEST REPORT No. P 670

Pages : 1 / 2

OWNER SAMPLE : BRAINMARKET s.r.o.

Cihelní 3286
702 00 Ostrava

Order: 422/P
Delivered: by post
Received on: 23.3.2026

Required investigation: chemical

List of samples	
Sample No.	Identification and description of the sample
P 670	Organic cocoa powder, Batch: 250848533, 85 g

Results of investigation

P 670 Analysis time: 24.3.2026 - 30.3.2026

Inorganic constituents: responsible Mgr. Jana Tvarožková		P 670	
Parameter	Unit	Value	±n. %
Arsenic (As)	mg/kg	<0,100	
Cadmium (Cd)	mg/kg	0,28	±13%
Copper (Cu)	mg/kg	28,6	±10%
Mercury (Hg)	mg/kg	0,01	±24%
Nickel (Ni)	mg/kg	8,49	±10%
Lead (Pb)	mg/kg	<0,2	

Remark: Uncertainty $n = \pm$ % of the result (uncertainty extension $k=2$, corresponding to a reliability level of about 95%)
- sampling uncertainty not included
- values marked * mean absolute uncertainty in units of the result
Unless otherwise stated, the results are based on the original mass of the sample.

Required analytical methods

Parameter	Accreditation	Method name	Method identification
Nickel (Ni)	A	Determination of elements by ICP-OES method	SOP A-01-1 ICP-OES (SN 56 0065)
Lead (Pb)	A	Determination of elements by ICP-OES method	SOP A-01-1 ICP-OES (SN 56 0065)
Copper (Cu)	A	Determination of elements by ICP-OES method	SOP A-01-1 ICP-OES (SN 56 0065)
Arsenic (As)	A	Determination of elements by ICP-OES method	SOP A-01-1 ICP-OES (SN 56 0065)
Cadmium (Cd)	A	Determination of elements by ICP-OES method	SOP A-01-1 ICP-OES (SN 56 0065)
Mercury (Hg)	A	AAS - AMA 254 Hg	SOP A-02-1-1 (AMA 254)

Accreditation : A - accredited method, N - non-accredited method, SA - sub-order accredited

The testing results in this certificate relate only to the samples described above. Unless otherwise stated, all results are expressed on an as received basis.

The report shall not be reproduce, unless in its entirety, without written approval from EKOCENTRUM OVALAB. Chemistry samples will be retained for a period of 14 calendar days from the date reported unless otherwise agreed in writing with the Laboratory.

Report prepared by : Šim nková Jana

Report approved by :

Ing. Ji í Pavelka
Head of Laboratory

Ostrava, date : 8.4.2026

Distribution list:

1x BRAINMARKET s.r.o.

1x Laboratory EKOCENTRUM OVALAB, s.r.o.

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Analytical report AR-25-HD-001461-02



Testing laboratory:

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 Radiová 1285/7
 102 00 Praha 10 - Hostivař
 IČO: 27449408
 tel.: +420 778 488 111 E-mail: ClientService.cz@ftcee.eurofins.com

Customer:

BRAINMARKET s.r.o.
 Hladnovská 83/93
 SLEZSKÁ OSTRAVA - MUGLINOV
 712 00 OSTRAVA
 CZECH REPUBLIC

Issue date 21.01.2025

Sample code 540-2025-00002365

Sample reception date: 13.01.2025
 Date of Testing: 13.01.2025 - 20.01.2025

Sample information:

Sample name, extended: ¹⁾BrainMax Pure Organic Cacao 20-22 %
 Sample description: ¹⁾005-32407-201718
 Client Purchase order nr.: BrainMax Pure Organic Cacao 20-22 %
 Order date: 10.01.2025
 Client sample code: ¹⁾63375/500
 Sampler: Customer
 Additional sample description: BB: 30.10.2026

Physical and chemical tests

Parameter	Unit	Result	Uncertainty of measurement *	Method	Method principle	TZ
Brutto sample weight of supplied sample	kg	1.02	3%	SOP MB.005.PB	Gravimetry	A
Arsenic (As)	mg/kg	0.038	25%	Internal Method LS-PP-CH-85	ICP-MS	SA
Cadmium (Cd)	mg/kg	0.14	25%	Internal Method LS-PP-CH-85	ICP-MS	SA
Copper (Cu)	mg/kg	31.2	25%	LS-PP-CH-85	ICP-MS	SA
Lead (Pb)	mg/kg	0.15	25%	Internal Method LS-PP-CH-85	ICP-MS	SA
Mercury (Hg)	mg/kg	<0.010		LS-PP-CH-85	ICP-MS	SA

Decision rule: If the testing laboratory issues a statement of conformity, the decision-making rule according to ch. 4.2.1 of ILAC document G8:09/2019 Guidelines for the use of decision rules and statement of conformity. In such a case, the measurement uncertainty is not taken into account for the conformity statement. If measurement uncertainty is included in the decision, this information is included in the statement of conformity. In such a case, proceed according to chap. 4.2.3 ILAC G8:09/2019.

Notes: SOP, ŠPP - Standard operation procedure
 ND - not detected by given method
 CFU - Colony forming unit
 NM - necessary quantity
 SN - subcontracted not accredited test
 * - the expanded measurement uncertainty, as determined by the extension coefficient $k = 2$ (with a 95% probability), does not include sampling uncertainty; if the measurement uncertainty is expressed in %, it is its relative value
 LOD – limit of detection, LOQ – limit of quantification, result between LOD and LOQ = detected
 1) - Information supplied by customer
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Responsible for correctness: Jitka Pinkrová

Worked out by: Tatiana Turčaninova

No. of document: 202512185037585

Validity check of document

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Test Certificate approved by:

Jitka Pinkrová

Head of Laboratory

