

Analytical report AR-25-HD-046040-02

Testing laboratory:

Eurofins Food & Feed Testing Czech Republic s.r.o.
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Customer:

BRAINMARKET s.r.o.
 Vítkovice 3053
 70300 OSTRAVA
 CZECH REPUBLIC

Issue date 29.12.2025
Sample code 540-2025-00069331

Sample reception date: 11.12.2025
Date of Testing 11.12.2025 - 18.12.2025

Sample information:

Sample name, extended: ¹⁾FUELIX DRINK, pomeranč, 250 ml
 Sample description: ¹⁾005-32407-261113
 Client Purchase order nr.: Fuelix drink
 Order date: 19.11.2025
 Client sample code: ¹⁾68010
 Sampler: Customer
 Additional sample description: LOT:2539 exp15/10/26

Physical and chemical tests

Parameter	Unit	Result	Uncertainty of measurement *	Method	Method principle	TZ
Brutto sample weight of supplied sample	kg	1.88	3%	SOP MB.005.PB	Gravimetry	A
Magnesium (Mg)	mg/kg	201	15%	Internal Method LS-PP-CH-85	ICP-MS	SA
Choline, total	mg/kg	82.1	10.3	T-VIT-MET3316 based on: AOAC Vol 91 2008	LC-MS/MS	SA
Folic acid	µg/100 g	38.0	6.9	T-VIT-MET11232 based on: AOAC 2013.13	LC-MS/MS	SA
Methyltetrahydrofolate (5-MTHF)	µg/100 g	< 5.00		T-VIT-MET11232 based on: AOAC 2013.13	LC-MS/MS	SA
Vitamin B12	µg/100 g	0.545	0.109	T-VIT-MET3314 based on: J. AOAC 2008, vol 91 No 4	LC-DAD	SA
Vitamin B6 (pyridoxine)	mg/kg	0.105	0.015	T-VIT-MET3317 based on: EN 14164:2014	LC-FLD	SA
Vitamin C (total)	mg/100 g	23.327	2.333	T-VIT-MET3319 based on: Food Chemistry, 94 (2006)	LC-DAD	SA
Vitamin D3 (Cholecalciferol)	µg/100 g	< 0.250		T-VIT-MET3318 based on: EN 12823-1:2014 ; EN 12821	LC-DAD	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
Unless otherwise stated in the notes, the place of the tests performance is workplace No. 1 - Prague - of EUROFINS CZ testing laboratory.

TZ - type of test
A - test within the accreditation scope of EUROFINS CZ
N - test outside of the accreditation scope of EUROFINS CZ
SA - subcontracted accredited test

If the information supplied by the customer could have be to affect the validity of the results, the laboratory disclaims responsibility. For samples supplied by the customer, the results relate to the sample as received and provided by the customer. The measuring devices and gauges used for the test / tests have been calibrated and verified according to valid metrological regulations. The results of the measurements relate only to the subject of the tests and do not replace other documents, e.g. of an administrative nature. The result identified as subcontracting in this protocol is the result of subcontractor measurements based on contract, order. The protocol may be reproduced or incorporated into promotional materials only with the written consent of the EUROFINS CZ Testing Laboratory and only to the extent of such approval. Any alteration, reproduction of part of the test report is not permitted and such analytical report automatically becomes invalid. The authenticity and completeness of the report can be verified at the EUROFINS CZ test laboratory stated in the header of analytical report. This Test Report has been issued in accordance with the applicable Conditions of service available on request and accessible at www.eurofins.cz.

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Test Certificate approved by:

Michaela Vanková
Pracovník klientského servisu

