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Satori Nutrition s.r.o.

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170 00

TSCHECHISCHE REPUBLIK

Date 05.03.2025

Customer no. 10092477

Sample no. 311003
Sample acceptance 25.02.2025
Customer sample description **Sample 1: D3 + K2 (MK7)**
Carrier: MCT oil

Packaging 1x plastic bottle

Unit Result Declaration Substance Method

Trace elements / Heavy metals / Halogenides

Substance	Unit	Result	Declaration	Substance	Method
Lead (Pb)	mg/kg	<0,50		OM	DIN EN 15763 : 2010-04
Cadmium (Cd)	mg/kg	<0,20		OM	DIN EN 15763 : 2010-04
Mercury (Hg)	mg/kg	<0,02		OM	DIN EN 13806 : 2002-11
Arsenic (As)	mg/kg	<0,50		OM	DIN EN 15763 : 2010-04

Vitamins/vitamin-like substances

Substance	Unit	Result	Declaration	Substance	Method
Vitamin K2 (MK4 & MK7) ^{v)*)}	µg/100g	34000		OM	in-house method HPLC/UV(PQ)
Vitamin D3	IU/kg	7510000		OM	DIN EN 12821 : 2009-08 (mod.)

Microbiological examinations

Examination	Unit	Result	Declaration	Substance	Method
Aerobic mesophilic plate count (total plate count)	cfu/g	<100 (LOD) ^{mv)}		OM	DIN EN ISO 4833-1 : 2022-05
Escherichia coli	in 1g	not detected		OM	DIN EN ISO 16649-3 : 2018-01
Yeasts	cfu/g	<10 (LOD)		OM	ISO 21527-1 : 2008-07
Moulds	cfu/g	<10 (LOD)		OM	ISO 21527-1 : 2008-07

mv) The limit of quantification/detection had to be increased, because the material had to be diluted due to its consistency.

Explanation: The symbol "<" or n.q. in the result column means, the parameter concerned is not quantifiable at the limit of quantification shown opposite.

The sign "<""...(LOD)" or n.d. in column result means, the parameter concerned cannot be detected within the limit of detection.

Explanation: OM = on original matter; DM = on dry matter base

The calculation of the measurement uncertainties given in the following table is based on the GUM (Guide to the expression of uncertainty in measurement, BIPM, IEC, IFCC, ISO, IUPAC, IUPAP and OIML, 2008) and the Nordtest Report (Handbook for calculation of measurement uncertainty in environmental laboratories (TR 537 (ed. 4) 2017). This is therefore a very reliable value with a 95% confidence level (confidence interval). Deviations from this are indicated as entries in the column "Deviating determination method".

Measurement uncertainty	Deviating determination method	Parameter
20%	VDLUFA ASR	Vitamin D3

v) external service

Externally provided service by

(PQ) Plenum, Lindenstraße 8, 58256 Ennepetal

Methods

in-house method HPLC/UV

Norm modification

Date 05.03.2025
Customer no. 10092477

REPORT

Order **3568847**
Sample no. **577885**

DIN EN 12821 : 2009-08 (mod.): saponification without addition of Na₂S, single extraction of a defined aliquot of the saponification mixture in 15 ml petroleum spirit, optional sample grinding

Start of testing: 25.02.2025

End of testing: 05.03.2025

The results are related only to the samples tested. In cases where the laboratory has not been responsible for sampling, the reported results apply to the samples as received. The laboratory is not responsible for the information provided by the customer. The customer information, if any, presented in this test report is not subject to the accreditation of the laboratory and may affect the validity of the test results. Duplication of this document or of parts of it requires the authorization from laboratory.

In conformity assessment, the economic approach is used as the decision rule (a non-conformity exists if the measurement result is included measurement uncertainty above the specification or standard), as long as nothing else has been determined by corresponding legal or normative bases.



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Food chemist/counter-sampling expert

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