



Limbach Analytics GmbH · Arotop Laboratorien Mainz
 Postfach 100 108 · 55132 Mainz

Eternal Vitality UG
 Simon-von-Utrecht-Straße 23
 20359 Hamburg

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Report of Analysis: L-24-03029

Sample Information

15.04.2024

Your Label	Probe Eternal Vitality NMN Uthever NMN Nicotinamid Mononukleotid
Supplier of samples	Eternal Vitality UG
	Simon-von-Utrecht-Straße 23 20359 Hamburg
Supplier / Manufacturer	Eternal Vitality UG
	Simon-von-Utrecht-Straße 23 20359 Hamburg
EAN-Code	4270004150308
Number of samples	2
Day of receipt	18.03.2024
Sampling	by customer
Temperature on entry	Rt
State / Packaging	plastic bag
rated capacity	30g
Information regarding shelf life	11.01.2026
Lot / batch	NMN240101
Analysis period	18.03.2024 - 15.04.2024

Results

Parameters	Result	Unit		
Mikrobiologie: DGHM 11.2/11.3 (modifiziert)				
Total plate count Methode: ASU § 64 LFGB L 00.00-88/2 2023-04	< 100	CfU/g		
Moulds Methode: ISO 21527-1/2 2008-07 (Verwendung von 3M Petrifilm Schnellzählplatte für Hefen- und Schimmelpilze)	< 100	CfU/g		
Yeasts Methode: ISO 21527-1/2 2008-07 (Verwendung von 3M Petrifilm Schnellzählplatte für Hefen- und Schimmelpilze)	< 100	CfU/g		
Enterobacteria	< 10	CfU/g		

Testing laboratory accredited by the German Accreditation Body (DAkkS) in accordance with DIN EN ISO/IEC 17025:2018, Registration number: D-PL-20185-01-01 to -08. Accreditation applies to the examination procedures listed in the document.

Limbach Analytics GmbH	Geschäftsführer:	Sitz der Gesellschaft: Mannheim	HypoVereinsbank
Edwin-Reis-Straße 6-10	Dr. Gerold Appelt	Amtsgericht Mannheim HRB 720967	IBAN: DE77670201900023091771
68229 Mannheim	Dr. Jürgen Grochowski	Ust-Id Nr.: DE298564631	BIC: HYVEDEMM489

Results

Parameters	Result	Unit		
Methode: 3M™ Petrifilm®, Enterobacteriaceae Count Plate (EB), Katalog-Nr. 6420/6421, 2021-06				
E. coli Methode: ASU § 64 LFGB L 00.00-132/2 2021-03 (Verwendung von 3M Petrifilm Selective E. coli (SEC) Zählplatte und 3M Petrifilm Rapid E. coli / Coliform (REC) Zählplatte)	< 10	CfU/g		
Salmonellen (PCR) in 25g Methode: SureTect™ Salmonella species PCR Assay (Real Time PCR), Thermo Fisher Scientific REF PTO100A, 2020-07	undetectable	in 25 g		
NMN-Paket Reinheit				
purity NMN Methode: SOP-MZ-010 2022-11, 1H-NMR	99,1 (+/- 0,3%)	%		
Phosphorus Methode: AHM 801 (ICP-OES), 2007-12	90450	mg/kg		
ICP-MS Screening 22 Elemente + Quecksilber in LM				
Boron Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,2 (BG)	mg/kg		
Iron Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,1 (BG)	mg/kg		
Cobalt Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,05 (BG)	mg/kg		
Nickel Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	0,12	mg/kg		
Copper Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,05 (BG)	mg/kg		
Zinc Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,1 (BG)	mg/kg		
Arsenic Methode: ASU § 64 LFGB L 00.00-135, 2011-01	< 0,01 (BG)	mg/kg		
Selenium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,05 (BG)	mg/kg		
Molybdenum Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,05 (BG)	mg/kg		
Silver (Ag) Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,05 (BG)	mg/kg		
Cadmium Methode: ASU § 64 LFGB L 00.00-135, 2011-01	< 0,005 (BG)	mg/kg		
Sodium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	62,78	mg/kg		
Tin Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,05 (BG)	mg/kg		
Lead Methode: ASU § 64 LFGB L 00.00-135, 2011-01	< 0,05 (BG)	mg/kg		
Uranium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,01 (BG)	mg/kg		
Mercury Methode: ASU § 64 LFGB L 00.00-135, 2011-01	< 0,01 (BG)	mg/kg		
Magnesium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	18,99	mg/kg		
Aluminium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	2,60	mg/kg		
Potassium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 1 (BG)	mg/kg		
Calcium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	18,75	mg/kg		
Chromium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	0,18	mg/kg		
Manganese Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	0,22	mg/kg		

(G)=Limit, (HG)=maximum content, (S)= specification customer, (R)=reference value, (W)= critical value, (BG)=LOQ, (NG)=LOD, (o.a.V.)= no abnormal changes, (#)=Parameter is not accredited

Conclusion

Der Gehalt an Nicotinamid Mononucleotid [99,1 +/- 0,3 %] wurde mittels $^1\text{H-NMR}$ und PULCON-Methode bestimmt. Die Probe zeigt im $^1\text{H-NMR}$ -Spektrum keine signifikanten Verunreinigungen. Das vorliegende Produkt entspricht im Rahmen der durchgeführten Untersuchungen den Vorgaben.

The nicotinamide mononucleotide content [99,1 +/- 0,3 %] was determined using $^1\text{H-NMR}$ and the PULCON method. The sample shows no significant impurities in the $^1\text{H-NMR}$ spectrum.

The present product fulfils the specifications within the scope of the tests carried out.

Yours sincerely



i.A. Stefan Kollenda
staatlich geprüfter Lebensmittelchemiker
Niederlassungsleiter

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