



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

KVB Gesellschaft mbH  
Roßlenbroichstraße 40  
41541 Dormagen

**Limbach Analytics GmbH**  
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## Report of Analysis: L-21-10656

### Sample Information

09.11.2021

Your Label	NMN Nicotinamid Mononukleotid
Type	Age-Science NMN
Supplier of samples	KVB Gesellschaft mbH
	Roßlenbroichstraße 40 41541 Dormagen
Supplier / Manufacturer	KVB Gesellschaft mbH
	Roßlenbroichstraße 40 41541 Dormagen
Number of samples	1
Day of receipt	08.10.2021
Sampling	by customer
Temperature on entry	Rt
State / Packaging	plastic bag
rated capacity	n.a.
Information regarding shelf life	20 Juli 2023
Lot / batch	KVB-NMNZ-210708 07.10.2021
Analysis period	08.10.2021 - 09.11.2021

### Results

Parameters	Result	Unit		
H-NMR-content/purity <small>Methode: in Anlehnung an EU-Pharm 2.2.33</small>	> 99	%		
ICP-MS Screening 22 Elemente + Quecksilber in LM				
Boron <small>Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01</small>	6,45	mg/kg		
Sodium <small>Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01</small>	49,56	mg/kg		
Magnesium	< 0,5 (BG)	mg/kg		

**Testing laboratory accredited by the German Accreditation Body (DAkkS) in accordance with DIN EN ISO/IEC 17025:2018, Registration number: D-PL-14580-01-00. 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: DIN EN ISO 17294-2 (E29) mod; 2017-01				
Aluminium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	1,56	mg/kg		
Phosphorus Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	9,9	%		
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	5,30	mg/kg		
Chromium Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	0,52	mg/kg		
Manganese Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	< 0,05 (BG)	mg/kg		
Iron Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	1,13	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	< 0,05 (BG)	mg/kg		
Copper Methode: DIN EN ISO 17294-2 (E29) mod; 2017-01	0,06	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	0,06	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		
Antimony 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		

(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

German:

Der Gehalt [> 99%] wurde mittel 1H-NMR und ERETIC-Methode bestimmt. Die Probe zeigt im H-NMR-Spektrum keine signifikanten Verunreinigungen.

**Das vorliegende Produkt ist im Rahmen der durchgeführten Untersuchungen als den Anforderungen entsprechend zu beurteilen.**

English:

The content [> 99%] was determined by means of 1H-NMR and ERETIC method. The sample shows no significant impurities in the H-NMR spectrum.

**The present product shall be assessed as complying with the requirements in the course of the tests carried out.**

Project-No.: L-21-10656  
Your Label: NMN Nicotinamid Mononucleotid  
Variety: Age-Science NMN

Yours sincerely



Dr. Wolfram Wendler  
Staatl. geprüfter Lebensmittelchemiker (State certified food chemist) / Gegenprobengutachter (Cross-check experts )  
Öffentlich bestellter und vereidigter Sachverständiger für Lebensmittel- und Handelschemie der IHK-Rhein Hessen

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