



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

MoleQlar GmbH
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83700 Rottach-Egern

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Report of Analysis: L-22-05411

Sample Information

30.06.2022

Your Label	NMN Nicotinamid Mononukleotid
Supplier of samples	MoleQlar GmbH
	Oberachweg 6 83700 Rottach-Egern
Supplier / Manufacturer	MoleQlar GmbH
	Oberachweg 6 83700 Rottach-Egern
EAN-Code	4260683650015
Number of samples	3
Day of receipt	01.06.2022
Sampling	by customer
Temperature on entry	Rt
State / Packaging	plastic bag
rated capacity	15g
Information regarding shelf life	18.02.2024
Lot / batch	220211
Analysis period	01.06.2022 - 30.06.2022

Results

Parameters	Result	Unit		
Gehalt NMN (H-NMR) <small>Methode: in Anlehnung an EU-Pharm 2.2.33</small>	99,3	%		
Heavy metals				
Lead <small>Methode: ASU § 64 LFGB L.00.00-135, 2011-01</small>	< 0,05 (BG)	mg/kg		
Cadmium <small>Methode: ASU § 64 LFGB L.00.00-135, 2011-01</small>	< 0,005 (BG)	mg/kg		
Arsenic	< 0,01 (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-20185-01-06. 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: ASU § 64 LFGB L.00.00-135, 2011-01				
Mercury Methode: ASU § 64 LFGB L.00.00-135, 2011-01	0,050	mg/kg		
E.coli Methode: ASU § 64 LFGB L.01.00-2, 8.1; 1991-12	undetectable	in 1g		
Bacillus cereus, presumptive Methode: ASU § 64 LFGB L.00.00-33, MYP/30°C/24-48h; 2006-09	< 100	CfU/g		
	< 100	CfU/g		
Methode: ASU § 64 LFGB L.00.00-55 mod: 2004-12				

(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 entspricht im Rahmen der durchgeführten Untersuchungen den Vorgaben.

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 complies with the specifications within the scope of the tests carried out.

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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