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Certificate of analysis

Certificate 0214903637
Analysis order 0000015258
Print date 05.09.2024
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Article MAGNESIUM STEARATE EUR PHAR
Lot MGSV1240369
Production date 18.08.2024
Expiry date 18.08.2026

Test	Low limit	Up limit	Test results
Test method	/ Text		
Aspect	Powder		Powder
NP0000			
Identification Test A Freezing Point of Fatty Acids	≥ 53.0		56.7 °C
MFACI0052			
Identification Test B Acid Value of Fatty Acids	≥ 198.0	≤ 210.0	208.0 mgKOH/g
MFACI0010			
Identification Test C Fatty Acid GC Retention Time	Conforming		Conforming
MFACI0360			
Identification Test D for Magnesium	Conforming		Conforming
MFACI0065			
Acidity or Alkalinity (0.1 M)		≤ 0.05	0.05 ml
MFACI0010			
Chloride		≤ 0.1	< 0.1 %
MFACI0470			
Sulphates		≤ 0.5	< 0.5 %
MFACI0470			
Heavy Metals (Total)		≤ 10	< 5 ppm
MFACI0390			





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Sieve residue 200 mesh		≤ 1.00	0.21 %
MFACI0030			
Bulk density	≥ 140	≤ 200	160 g/l
MFACI0040			
Loss on drying		≤ 4.0	2.9 %
MFACI0020			
Oxide	≥ 6.65	≤ 8.30	7.85 %
MFACI0060			
Magnesium Content	≥ 4.00	≤ 5.00	4.73 %
MFACI0060			
Fatty Acid Composition C18	≥ 40.0		44.4 %
MFACI0360			
Fatty Acid Composition C15+C18	≥ 90.0		98.7 %
MFACI0360			
Residual solvents	To Pass Test		Passed
MFACI0025			
Total Aerobic Microbial Count		≤ 1000	< 10 CFU/g
MFACI0960			
Mould & Yeast		≤ 100	< 10 CFU/g
MFACI0960			
Escherichia Coli	Absent/g		Absent
MFACI0960			
Salmonella	Absent/10g		Absent
MFACI0960			
Arsenic		≤ 1.5	< 0.4 ppm
MFACI0390			





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Nickel		≤ 5.0	< 0.4 ppm
MFACI0390			

Lead		≤ 2.0	< 0.4 ppm
MFACI0390			

Cadmium		≤ 1.0	< 0.1 ppm
MFACI0390			

PO NO. A240255

Complies with the current version of the USP/NF/EP/BP/JP/ChP

This analysis certificate was automatically generated from our database and does not require signature.

Quality Manager
Feroz Kassim

