



CERTIFICATE OF ANALYSIS

Name of product : M-125 E MAGNESIUM STEARATE

Manufacturing date : 28.03.22

Retest date : 28.3.2024

Parameter	Method	Units	Specifications	Result
Aspect			White or almost white, very fine, light powder, greasy to the touch	To pass test
Solubility			Unsoluble in water. Partially soluble in ethanol and ether	To pass test
Identification A y B	USP-NF		To pass test	To pass test
Identification A,B,C y D	EP		To pass test	To pass test
MgO content	Calculated	% m/m	6,6 – 8,3	8,0
Assay (Mg)	USP-NF/EP	% m/m	4,0 – 5,0	4,6
Loss on drying	USP-NF/EP	% m/m	<= 5,0	2,2
Anhydrous basis	Calculated	% m/m	>=95	97,8
Lead	ICP-MS	mg/Kg	<=2	<0,02
Arsenic	ICP-MS	mg/Kg	<=3	0,039
Mercury	ICP-MS	mg/Kg	<=1	<0,025
Cadmium	ICP-MS	mg/Kg	<=1	<0,01
Nickel	ICP-MS	mg/Kg	<=5	0,076
Cobalt	ICP-MS	µg/g	---	<0,1
Vanadium	ICP-MS	µg/g	---	0,16
Heavy Metals	ICP-MS	mg/Kg	<=10	<10
Fines (saved in 325mesh)	1/006	%m/m	<=1,0	0,4
Total aerobic Count	Microbiological analysis	Cfu/g	<=1000	<10
Molds and Yeast	Microbiological analysis	Cfu/g	<=100	<10
E.Colli	Microbiological analysis	Cfu/g	Absence	Absence
Salmonella	Microbiological Analysis	Cfu/g	Absence	Absence
Acidity or alkanility	USP-NF/EP	MI	<=0,05	<0,05
Alkalinity	1/023	% m/m as MgO	<=0,1	<0,1
Stearic Acid	3/021	% m/m	>=40	53,7
Stearic-palmitic	3/021	% m/m	>=90	100.0
Chloride	USP/EP	% m/m	<=0,1	<0,1

Sulfate	USP/EP	% m/m	$\leq 1,0$	$< 1,0$
Residual solvents	USP-NF/EP		Meets requirements	Meets requirements
Specific Surface Area	1/022	m ² /g	≥ 8	24,0
Unsaponifiable matter	1/019	% m/m	≤ 2	0,2
Free fatty acids	1/003	% m/m	≤ 1	0,8
Acetic acid	Titration in aqueous phase	%	$\leq 0,5$	0,0
Oxido de etileno	GS/MS	mg/Kg	Absence	Absence

The results shown refer to mean values of analysis carried out on representative product samples which fulfil the specifications.

We hereby certify in this document that the product identified in this certificate as Lot N 02026 00222 Fulfils all the specifications indicated in its product data sheet.



Ing. Martin Guniš, CEO



CERTIFICATE OF ANALYSIS

Product Name :	Vitamin B6	Other name :	Pyridoxine Hydrochloride
Batch No.	TK – 220908	Mfg Date / Exp Date	Sep 18,2022 /Sep 17, 2024
Inspection items	All inspection		

Items	Specifications	Results
Appearance	White Powder	Complies
Odor/Taste	Characteristic	Complies

Identification

Sulfide	Conform to the standard	Complies
Chloride	Conform to the standard	Complies
Color of solution	Pass the test	Complies
Assay	98.5 % - 100.5 %	99.20 %
Ph (100g/L)	2.4 – 3.0	2.5
Loss on drying	≤ 0.5 %	0.01 %
Residue on ignition	≤ 0.1 %	0.03 %
Pb	≤ 10 mg	< 10 mg
As	≤ 2 mg	< 2 mg

Storage / Packaging	Store in cool & dry place / 25 kg in cardboard drum
Shelf Life	24 months when properly stored



Ing. Martin Guniš, CEO



CERTIFICATE OF ANALYSIS

Product : Magnesium Bisglycinate II-2 (Vegan)

Batch Number :	22072281	CAS#: 14783-68-7
Manufacture date :	Jul.22,2022	Analysis date : Jul.22, 2022
Expiration :	Jul, 21,2024	Molecular Formula : C ₄ H ₈ MgN ₂ O ₄

Item	Specification	Result
Appearance	White powder	Conforms
Assay	≥ 97.0 %	98.15 %
Magnesium	≥ 20.0 %	20,29 %
Ph	10.0 – 11.0	10.06
Heavy metals	≤20 ppm	<10 ppm
Lead	≤5 ppm	<5 ppm
Arsenic	≤1 ppm	<1 ppm

Conclusion : This product via inspection accords with Q/JDH.04-2006 standard

This certificate contains results provided by the manufacturer and does not replace quality control before use.



Ing. Martin Guniš, CEO