

PRODUCT 品名: SODIUM HYALURONATE 透明质酸钠		GRADE 产品类型: FOREIGN FOOD GRADE 国外食品级	
BATCH NO.批号: ACI2025090601		MFG. DATE 生产日期: 2025/10/07	
SHELF LIFE 保质期: 3 Years		EXPIRY DATE 失效日期: 2028/10/06	
TEST DATE 检测日期: 2025/10/08		QUANTITY 数量: 560KGS	
TEST ITEM 检测项目	STANDARD 标准	SPECIFICATION 指标	RESULT 结果
Appearance 感官	QB/T 4576-2023	White or almost white powder or granular 白色或淡白色粉末或颗粒	Qualified 符合
Sodium Hyaluronate 透明质酸钠含量	QB/T 4576-2023	≥ 92.0%	93.05
Glucuronic Acid 葡萄糖醛酸	QB/T 4416-2012	≥43.5%	45.01
Molecular Weight 平均相对分子质量	QB/T 4416-2012	Measured Value 实测值	10.50x10 ⁵ Da
pH (0.1%)	QB/T 4576-2023	6.0 ~ 8.0	6.37
Loss on drying 干燥失重	QB/T 4576-2023	≤ 10.0%	8.24
Residue on Ignition 灼烧残渣	QB/T 4576-2023	≤ 13.0%	8.37
Protein 蛋白质	EP10.0	≤ 0.30%	0.0191
Transmittance 溶液透光率 (0.1%)	QBT 4416-2012	≥ 99.0%	99.8
Bulk density 松密度 (g/ml)	CP 2020	Measured Value 实测值	0.35
Sulphate 硫酸盐	WS ₁ - (x072) 2011Z	≤0.02	<0.02
Total arsenic (as As) 总砷 (以 As 计)	QB/T 4576-2023	≤ 0.3mg/kg	< 0.3
Heavy metal (as Pb) 重金属 (以 pb 计)	QB/T 4576-2023	≤0.5 mg/kg	< 0.5
Hg 汞	T-SNHFA011-2021	≤ 0.1 mg/kg	< 0.1
Cb 镉	T-SNHFA011-2021	≤ 0.5 mg/kg	< 0.5
Total plate Counts 菌落总数	QB/T 4576-2023	≤ 100 CFU/g	< 100
Molds & Yeasts 霉菌和酵母菌	QB/T 4576-2023	≤ 50 CFU/g	< 50
Staphylococcus Aureus 金黄色葡萄球菌	T-SNHFA011-2021	Negative 不应检出	Negative 未检出
Pseudomonas Aeruginosa 铜绿假单胞菌	QB/T 4416-2012	Negative 不应检出	Negative 未检出
Coli group 大肠菌群	QB/T 4576-2023	Negative 不应检出	Negative 未检出
Conclusion 结论	Comply with Internal Control Standard of Foreign Food Grade 符合内控质量标准 国外食品级		

CONTACT INFO: 12601 NW 115 th ave, Ste A-111 Medley, Fl 33178

kcharfan@kjcnutra.com / cs@kjcnutra.com 786.462.2549 / 786.444.5905 / COL : 314.661.5843



KJC NUTRA INC.



www.kjcnutra.com

Certificate of Analysis

产品名称	Product Name	柠檬酸镁 Magnesium Citrate	
批 号	Batch No.	25060095	
检验日期	Test Date	20250626	
生产日期	Mfg Date	20250626	
保质期	Exp Date	20270625	
检验依据	According to	USP2024	
外观形状	Description	白色粉末 White Powder	
理化指标	Inspection		
项目 Items	指标 Specification		结果 Results
鉴别试验 Identification	Pass A,B		Pass A,B
镁 Magnesium(as dried basis by titration)	%	14.5~16.4	15.5
干燥失重 Loss on drying	%	≤29.0	26.2
氯化物(Cl) Chloride	%	≤0.05	<0.05
硫酸盐 Sulfate(On SO4 base)	%	≤0.2	<0.2
钙 Limit of Calcium	%	≤1.0	<1.0
砷(以 As 计)Arsenic	ppm	≤3	<3
铁 Iron	ppm	≤200	<200
pH 值 pH (50mg/ml)		5.0~9.0	7.7
菌落总数 TPC	Cfu/g	≤1000	<10
霉菌酵母菌 Mold&Yeast	Cfu/g	≤100	<10
大肠杆菌 E.coli	Cfu/g	Negative	Negative
沙门氏菌 Salmonella	/25g	Negative	Negative
金黄葡萄球菌 Staphylococcus Aureus	/25g	Negative	Negative

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CERTIFICATE OF ANALYSIS

Item Name	: Magnesium Stearate –USP		
Batch No.	: KE/MS/24-25/1278	Qty	: 4000KG
Mfg. Date	: JAN-2025	Exp. Date	: DEC-2029
Grade	: USP	Batch Size	: 5000KG
S.No.	TEST	SPECIFICATION	RESULT
1	Description	White or almost white, very fine, light powder, greasy to the touch.	Complies
2	Solubility	Practically insoluble in water, anhydrous ethanol.	Complies
3	Identification	A) Freezing point: Not less than 53 ^o C B) Acid value of fatty acids: 195 to 210 C) By gas chromatography D) Reaction of 'Magnesium'.	Complies
4	Appearance of solution	Solution A is not more intensely colored than reference solution.	Complies
5	Appearance of solution of fatty acid	The solution is clear and not more intensely colored than reference solution.	Complies
6	Acidity Or Alkalinity	Not more than 0.05 ml of 0.1 M hydrochloric acid or 0.1 M sodium hydroxide should require to change the color of the indicator	Complies
7	Acid Value Of Fatty Acid	195 to 210	201
8	Free Stearic Acid	Not more than 3.0% w/w.	1.22
9	Zinc Stearate	No violet precipitate is formed	Complies
10	Heavy Metals	Not more than 20 ppm	Complies
a)	Lead	≤ 3 ppm	Complies
b)	Cadmium	≤ 1 ppm	Complies
c)	Arsenic	≤ 1.5 ppm	Complies
d)	Mercury	≤ 1.5 ppm	Complies
11	Lead	Maximum 10 ppm	Complies
12	Nickel	Maximum 5 ppm	Complies
13	Chloride	Not more than 250 ppm.	Complies
14	Sulfates	Not more than 0.6% w/w	Complies
15	Cadmium	Maximum 3 ppm	Complies
16	Loss On Drying	Not more than 6.0% w/w, 1 g at 105 °C.	3.20%
17	Assay(%Mg)	Between 4.0% w/w to 5.0% w/w of 'Mg', on dried basis	4.86%
18	Fatty Acid Composition	A) Stearic acid : Not less than 40 % w/w B) Sum of stearic acid and palmitic acid. : Not less than 90 % w/w	42.05% w/w 98.12% w/w
19	Microbial Contamination	1) Total aerobic microbial count: Maximum 1000 cfu/g. 2) Total yeast and mould count: Maximum 100 cfu/g. 3) Escherichia coli & salmonella.	Complies Complies Absent

The sample complies with specifications with respect to above tests

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CERTIFICATE OF ANALYSIS

Item Name		: Microcrystalline Cellulose -102 USP	
Batch No.		: KE/24-25/1346	Qty : 5000KG
Mfg. Date		: JAN-2025	Exp. Date : DEC-2029
Batch Size		: 5000KG	
S.No.	TEST	SPECIFICATION	RESULT
1	Description	White or almost white , fine or granular ,slightly hygroscopic powder.	A white powder
2	Solubility	Practically insoluble in water , in acetone , in anhydrous ethanol , in toluene, in dilute acids and in 50 g/L solution of sodium hydroxide.	Complies
3	Identification a) Infrared absorption b) Zinc chloride test c) Degree of polymerisation	a) Disregard any band between 800cm ⁻¹ and 825 cm ⁻¹ or between 950cm ⁻¹ and 1000cm ⁻¹ b) Violet Blue Colour c) NMT 350	Complies Complies 250.2
4	pH	5.00 to 7.50	6.0
5	Conductivity	NMT 75 µS.cm ⁻¹	58.13 µS.cm ⁻¹
6	Ether soluble substances	NMT 0.05%	0.008%
7	Water soluble substances	NMT 0.25%	0.011%
8	Loss on drying	NMT 7.00%	4.3 %
9	Sulphated ash	NMT 0.10 %	0.010%
10	Microbial contamination		
a)	Total viable aerobic count	NMT 1000 cfu/g	91 cfu/g
b)	Total molds & yeast count	NMT 100 cfu/g	<10 cfu/g
c)	E.Coli & Salmonella	Absent in 1g.	Absent
d)	S.Aureus & P.Aeruginosa	Absent in 1g.	Absent
11	Bulk density	0.27 to 0.33	0.289g/ml
12	Sieve Analysis (%Retention)		
	60 Mesh	≤ 8.0%	NIL
	200 Mesh	≥ 45.0%	

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CERTIFICATE OF ANALYSIS

LOT: 2025 05 458 C

Production Date: MAY 08, 2025

* Date of Re-evaluation: MAY 08, 2027

PRODUCT: Silicon Dioxide Powder (Silica) FCC

Parameters	Specification	Results
Colour	Brilliant white	Brilliant white
-A	Passes the test	Passes the test
-B	Passes the test	Passes the test
Assay (as SiO ₂) (%)	>98	98.329
Lead (ppm)	<1	<0.42
Loss on drying max 105°C/2hr (%)	7	4.50
Loss on ignition to 1000 °C/1hr (%)	<8.5	7.26
Soluble ionizable salts (%) *	1.50*	0.86*
Coliforms	<10	<10
Salmonella	NEGATIVE	NEGATIVE
E. Coli	NEGATIVE	NEGATIVE

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Certificate of Analysis

BAES Nutritional Labs INC
8249 NW 70th St
Miami FL 33166-2743

Customer Order: AES-UCII-002
Delivery: 73383624
Sales Order: 34591951

Product Name: UC-II Powder 5
Material Number: 00230196
Customer Code: 230196
Batch No: 24GW038433
Manufacturing Date: 07-Feb-2024
Expiration Date: 06-Feb-2027
Country of Origin: USA

Description	VALUE	SPECIFICATION		UNIT	Method
		MIN	MAX		
PHYSICAL					
Color	Complies	White/Cream			VISUAL
Identification	Complies	Matches	Standard		USP197
Loss on Drying	4		10	%	USP731
Density, Bulk	0.63	0.45	0.75	g/cm3	USP616
Density, Tap	0.88	0.75	1.05	g/cm3	USP616
Particle Size Wt. 100 mesh	74	60		%	USP786
CHEMICAL					
Total Collagen	35	25		%	HPLC
Undenatured Type II Collagen	10	3		%	ELISA
Potassium	16.7	14.2	19.4	%	USP730
Arsenic	< 0.2		1.5	ppm	USP730
Cadmium	< 0.1		0.5	ppm	USP730
Lead	0.1		1.0	ppm	USP730
Mercury	< 0.1		0.5	ppm	USP730
MICROBIOLOGICAL					
Total Aerobic Microbial Count	85		3000	CFU/g	USP2021
Enterobacterial Count	< 10		10	MPN/g	USP2021
Total Molds & Yeast Count	< 10		100	CFU/g	USP2021

Lonza Greenwood LLC
535 North Emerald Rd.
Greenwood, SC 29646
USA
TEL: + 1 (800) 845-6973

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Miami FL 33166-2743

Customer Order: AES-UCII-002
Delivery: 73383624
Sales Order: 34591951

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<i>Description</i>	<i>VALUE</i>	<i>MIN</i>	<i>SPECIFICATION</i>		<i>UNIT</i>	<i>Method</i>
				<i>MAX</i>		
Escherichia coli	Absent	Absent				USP2022
Salmonella	Absent	Absent				USP2022
Staphylococcus aureus	Absent	Absent				USP2022

Additional Information:
Chemical Classification: Collagen Dietary Ingredient
Physical Classification: Powder

Manufacturing Address: 735 North Emerald Road, Greenwood, South Carolina, 29646 USA

Store in tightly closed containers free of excessive heat, moisture, light and air. Do not freeze.

Kelly Pipoly
Electronically signed by Kelly Pipoly
Date: 23-FEB-2024 15:39:29 EST
Release (Inspection Lot: Usage Decision)

Lonza Greenwood LLC
535 North Emerald Rd.
Greenwood, SC 29646
USA
TEL: + 1 (800) 845-6973

Certificate of Analysis

Product : Vitamin D3 Powder 100,000IU/g
 Batch No. : 71250307
 Quantity : 25550.0 kg
 Manufacture Date : Mar.07, 2025
 Certificate Date : Mar.07, 2025
 Expiration Date : Mar.06, 2028
 Origin of Country : China

Results Analysis

Items	Standards	Results	Method
Identity for			
Vitamin D3 Powder	positive	positive	uv/usp
Appearance	white, free-flowing powder	white powder	LN method
Dispersibility in water	Dispersible	Dispersible	LN method
Particle Size Distribution (Fineness) (U.S. standard sieves)	100% through No.40 mesh Min.90%through No.60 mesh Min.45%through No.100 mesh	100% through No.40 95%through No.60 88%through No.100	LN method
Vitamin D3 Content	Min.100,000 IU/g	105,200 IU/g	hplc/ep
Loss on Drying	Max 5.0%	4.0%	105°C 4h
Residual Solvents	The raw materials, manufacturing process and product do not contain any of the solvents listed in Residual Solvents	Qualified	
Microbiological Spec.			
Total Plate count	≤1000cfu/g	<10 cfu/g	usp
Mold & Yeast	≤100 cfu/g	<10 cfu/g	usp
Coliforms	≤0.3MPN/g	<0.3MPN/g	usp
E.Coli	Negative	Negative	usp
Salmonella	Negative	Negative	usp
Staphylococcus aureus	Negative	Negative	usp
Heavy metals	≤3ppm	<3ppm	usp
As	≤0.5ppm	<0.01ppm	usp
Lead	≤0.5ppm	<0.05ppm	usp
Cadmium	≤0.1ppm	<0.005ppm	cns
Mercury	≤0.1ppm	<0.003ppm	usp
Chromium	≤0.5ppm	<0.2ppm	cns

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