

CERTIFICATE OF ANALYSIS

HYDRATE ELECTROLYTES

Certificate of Analysis · Control no. 2025-25877 · Manufactured Jul-25 · Expires Jul-28



HIGHLIGHTS

Calcium: 54.68 mg measured vs 50 mg · Magnesium: 105.47 mg measured vs 100 mg · All seven vitamin and electrolyte assays at or above label claim · Microbiology within specification

LABEL CLAIM

Label claim → result, per serving as printed · method as printed

Vitamin C (as calcium ascorbate)	Titration	400 mg → 400 mg	100.0%
Vitamin B12 (as methylcobalamin)	UPLC	50 mcg → 50 mcg	100.0%
Calcium (from calcium ascorbate)	ICP-MS	50 mg → 54.68 mg	109.4%
Magnesium (from magnesium citrate)	ICP-MS	100 mg → 105.47 mg	105.5%
Chloride (from sea salt)	ICP-MS	900 mg → 900 mg	100.0%
Sodium (from sea salt)	ICP-MS	600 mg → 600 mg	100.0%
Potassium (from potassium citrate)	ICP-MS	300 mg → 300 mg	100.0%

% of label claim, calculated by MAXIS from the certificate values (rounded to 0.1%).

MICROBIOLOGY

Result as printed, with the printed specification where it differs

✓ All results within specification

Total Plate Count	< 10 cfu/g
Spec: NMT 10,000 cfu/g	
Yeast & Mold	< 10 cfu/g
Spec: NMT 1,000 cfu/g	
E.coli	Absent
Salmonella Species	Absent
Staphylococcus aureus	Absent

TESTING PROGRAM

Physical and microbiological tests are run on each lot; vitamin and electrolyte assays and heavy metals follow the manufacturer's testing schedule.

Results from the Certificate of Analysis issued by our cGMP manufacturer. Reformatted by MAXIS for readability; values transcribed exactly.

Sheet issued 24 October 2026 · Manufacturer QC sign-off date as printed: 08/04/2025

HYDRATE ELECTROLYTES

Certificate of Analysis — manufacturer data · Full transcription, every field as printed

CONTROL NUMBER	MANUFACTURING DATE	EXPIRATION DATE
2025-25877	Jul-25	Jul-28
SERVING SIZE		
1 Packet (7 g)		

IDENTITY & PHYSICAL

Preliminary Observation: Physical Identification Compares Favorably with Standard Samples.

PRODUCT INFORMATION (1)	Specification Limits	Results	Method	Rationale
Appearance	Off-White with Tan speckles	White powder	Organoleptic	1
Odor	Conforms to Standard	Conforms	Organoleptic	1
Taste	Conforms to Standard	Conforms	Organoleptic	1

ACTIVES label claim · specification · result · method, as printed

Quantitative Analysis

Actives:	Label / 7 g	Range	Results	Method	Rationale
Vitamin C (as calcium ascorbate)	400 mg	≥ 100 %	400 mg	Titration	2
Vitamin B12 (as methylcobalamin)	50 mcg	≥ 100 %	50 mcg	UPLC	2
Calcium (from calcium ascorbate)	50 mg	≥ 100 %	54.68 mg	ICP-MS	3
Magnesium (from magnesium citrate)	100 mg	≥ 100 %	105.47 mg	ICP-MS	3
Chloride (from sea salt)	900 mg	≥ 100 %	900 mg	ICP-MS	4
Sodium (from sea salt)	600 mg	≥ 100 %	600 mg	ICP-MS	4
Potassium (from potassium citrate)	300 mg	≥ 100 %	300 mg	ICP-MS	4

HEAVY METALS

Heavy Metals	Specifications	Results	Method	Rationale
Arsenic	NMT 10 mcg/serving	NMT 10 mcg/serving	ICP-MS	5
Cadmium	NMT 4.1 mcg/serving	NMT 4.1 mcg/serving	ICP-MS	5
Lead	NMT 0.5 mcg/serving	NMT 0.5 mcg/serving	ICP-MS	5
Mercury	NMT 0.3 mcg/serving	NMT 0.3 mcg/serving	ICP-MS	5

MICROBIOLOGY

Microbiological Testing	Range	Results	Method	Rationale
Total Plate Count	NMT 10,000 cfu/g	< 10 cfu/g	AOAC	1
Yeast & Mold	NMT 1,000 cfu/g	< 10 cfu/g	AOAC	1
E.coli	Absent	Absent	AOAC	1
Salmonella Species	Absent	Absent	USP<2022>	1
Staphylococcus aureus	Absent	Absent	AOAC	1

OTHER INGREDIENTS

Other Ingredients:

Citric acid, natural flavors, allulose, stevia leaf extract (Reb M), silica

TESTING PROGRAM legend, verbatim

Testing Legend

1 - represents Testing Program for Physical Tests and Microbiological Analysis: Assay 1 to be tested each lot.

2, 3, and 4 - represents Testing Program for Actives: Assays 2, 3, and 4 are to be consecutively tested.

For Assays that are skipped based on rotational testing frequency, SOP QC-317 will be listed as the method on the certificate of analysis.

5 - represents Testing Program for Heavy Metals: Assay 5 to be tested twice annually.

* Product will be released based on allowance for 10% testing variance

COMPLIANCE STATEMENT verbatim

This will include requirements to meet CFR 21 Part 111 GMP regulations (active ingredients only).
Additional testing must be requested by customer and will be at customer's expense(billed separately).
21 CFR Part 111.75 (c)(1)(2)(3)(4)(d)(1) for finished product specification both met and exempt.

Results from the Certificate of Analysis issued by our cGMP manufacturer. Reformatted by MAXIS for readability; values transcribed exactly.

Sheet issued 24 October 2026 · Manufacturer QC sign-off, as printed: Quality Control — signed (handwritten) · Date: 08/04/2025