Purity Analytics

CERTIFICATE OF ANALYSIS

Artifact ID: coa_7e67ab03b0d35d6cdbd3c8c8b0da3c23

ORDERED BY

Purity Analytics

PRODUCT

NAME	4X Blend 10ml (120mg/ml)
CATEGORY	Blend Quantitative Assay + Heavy Metals + Microbial

SAMPLE

BATCH	20251222L06120S10
TESTED	2026-02-27

PERFORMING LAB **Analytical Formulations, Inc.**
8940 Fourwinds Drive STE 107, Windcrest, TX 78239
https://analyticalformulations.com
Lab-certified result data: 2026-06-02



Submitted vial

DIGITALLY SIGNED BY
Purity Analytics LLC

ISSUED	2026-08-07 22:38:42 UTC
ISSUER	Sectigo RSA Document Signing CA
ALGORITHM	RSA-SHA512
FIELD	PuritySignature
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CERT SERIAL	80EE9C34821454C706346FA64888B1B5
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ANALYTICAL RESULTS

COMPONENT	ANALYTE	SPECIFICATION	RESULT	P/F
Choline Chloride	Quantitative Assay	50mg/ml (NLT 90%)	**53.05 mg**	✓
L-Carnitine	Quantitative Assay	50mg/ml (NLT 90%)	**52.28 mg**	✓
L-Methionine	Quantitative Assay	15mg/ml (NLT 90%)	**15.50 mg**	✓
Dexpanthenol	Quantitative Assay	5mg/ml (NLT 90%)	**5.12 mg**	✓
	Heavy Metals (Total Quantity)	NMT 150 ppb/vial (including Pb, Cd, Hg, Ni, Fe & Co)	**<10 ppb**	✓
	TAMC (Aerobic/Coliform)	NMT 1,000 CFU · Incubated 48 hrs @ 37°C	**0 CFU**	✓
	TYMC (Yeast & Molds)	NMT 100 CFU · Incubated 48 hrs @ 30°C	**0 CFU**	✓

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METHODS & PERFORMING LABORATORY

METHODS

- Quantitative Assay
- Heavy Metals - Total Quantity
- TAMC (Total Aerobic Microbial Counts)
- TYMC (Total Yeast and Mold Counts)

Microbial specifications follow the Substances for Pharmaceutical Use compendium. UV-Vis measurements performed on a Jenway 6715 UV/Vis Spectrophotometer.

PERFORMING LABORATORY

Analytical Formulations, Inc.

8940 Fourwinds Drive STE 107, Windcrest, TX 78239

https://analyticalformulations.com

A laboratory-authorized user certified on 2026-06-02 that the submitted result data and the Purity Analytics COA generated from that data accurately represent the laboratory's reported findings for the sample identified in this report.

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— END OF REPORT —

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