



CERTIFICATE OF ANALYSIS

REPORT NUMBER ONE-010252-2026

VERIFICATION CODE E4RLZTEW

VERIFY AT UNITEDLABORATORIES.ORG

Client: ONE AMINOS

Sample information

PRODUCT	5-Amino-1MQ	ACTIVE IDENTITY	5-Amino-1MQ
BATCH / LOT NUMBER	010252	LABORATORY SAMPLE ID	010252
LABELED QUANTITY	10 mg	FORM	Lyophilized
CAS NUMBER	42464-96-0	MOLECULAR FORMULA	C10H11IN2
CAP COLOR	Orange	CRIMP COLOR	Silver
DATE RECEIVED	08/27/2026	DATE REPORTED	09/03/2026

Test results

Test	Reference standard	Result	Status
Batch Avg Purity	> 98%	99.90%	PASS
Batch Avg Net Content	~ 10 mg	10.48 mg	PASS
Identity Confirmation (HPLC-RTM)	Matches label	5-Amino-1MQ	PASS
Endotoxin Safety Screen	<= 0.5 EU/mL	< 0.07 EU/mL	PASS
Microbial Sterility Screen	No Growth	No Growth	PASS

Heavy metal screening

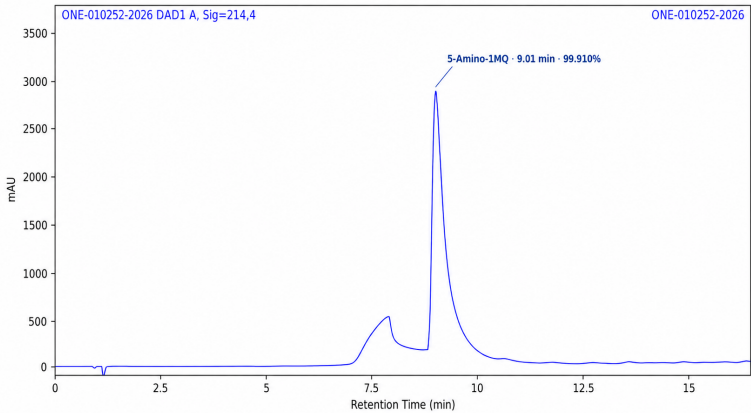
Analyte	Result	Status
Lead (Pb)	< 0.5	PASS
Arsenic (As)	< 0.15	PASS
Cadmium (Cd)	< 0.05	PASS
Mercury (Hg)	< 0.3	PASS

Conformity Results

Vial	Purity (%)	Net content (mg)
Dedicated V0	99.91	10.69
Conformity V1	99.87	10.25
Conformity V2	99.91	10.50
Batch average	99.90%	10.48

Chromatogram

RP-HPLC | DAD @ 214 nm | Laboratory chromatogram reviewed with source data



Sample vial



Review status: The analytical data, chromatogram and sample image were reviewed and authorised for issuance by Bhavrat Singh, Lab Director, on 03 September 2026.



MICROBIOLOGICAL / STERILITY TESTING

REPORT NUMBER ONE-010252-2026
VERIFICATION CODE E4RLZTEW
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Client and sample information

CLIENT	ONE AMINOS	SAMPLE NAME	5-Amino-1MQ
BATCH / LOT NUMBER	010252	LABORATORY SAMPLE ID	010252
DATE RECEIVED	08/27/2026	DATE REPORTED	09/03/2026

Test methodology

Sterility Testing (PCR). The sample was assessed by PCR-based sterility testing. The analytical record was reviewed and authorised by the Lab Director.

Test results

Test parameter	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	PASS

FINAL DETERMINATION: PASS - AUTHORISED BY LAB DIRECTOR

Review record

DATE REPORTED	09/03/2026	REPORT NUMBER	ONE-010252-2026
VERIFICATION CODE	E4RLZTEW	PUBLICATION STATUS	Authorised
LAB DIRECTOR	Bhavrat Singh	REVIEW DATE	03 September 2026



HEAVY METALS ANALYSIS

REPORT NUMBER ONE-010252-2026
VERIFICATION CODE E4RLZTEW
VERIFY AT UNITEDLABORATORIES.ORG

ICP-MS analytical results

Client and sample information

CLIENT	ONE AMINOS	DATE REPORTED	09/03/2026
PRODUCT NAME	5-Amino-1MQ	STRENGTH	10 mg
BATCH / LOT	010252	LABORATORY SAMPLE ID	010252
VERIFICATION CODE	E4RLZTEW	CONDITION	Lyophilized

Test methodology

TEST PERFORMED	Elemental Impurities Analysis	INSTRUMENT	ICP-MS
SAMPLE PREPARATION	HNO3 / H2O2 matrix	CALIBRATION	Multi-element standard curve
INTERNAL STANDARD	Sc, Ge, In, Bi	MATERIAL TYPE	Research-use material

Elemental impurities results

Element	Result	Acceptance limit	Status
Lead (Pb)	< 0.5	<= 10	PASS
Arsenic (As)	< 0.15	<= 1.5	PASS
Cadmium (Cd)	< 0.05	<= 0.5	PASS
Mercury (Hg)	< 0.3	<= 3	PASS

Method suitability - spike recovery

Element	Spike level	Recovery	Criteria
Lead (Pb)	5 ppm	98%	70-150%
Arsenic (As)	0.75 ppm	102%	70-150%
Cadmium (Cd)	0.25 ppm	95%	70-150%
Mercury (Hg)	1.5 ppm	91%	70-150%

Quality control and interpretation

Quality Control: Method Blank: Pass | CCV: Pass | Duplicate RPD: < 20%

The recorded results are below the stated limits, and the recovery and quality-control values meet their stated criteria. The underlying laboratory data and this report were reviewed and authorised by the Lab Director.



BACTERIAL ENDOTOXIN ANALYSIS

REPORT NUMBER ONE-010252-2026
VERIFICATION CODE E4RLZTEW
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USP <85> - Kinetic Turbidimetric LAL

Client and sample information

CLIENT	ONE AMINOS	DATE REPORTED	09/03/2026
PRODUCT NAME	5-Amino-1MQ	STRENGTH	10 mg
BATCH / LOT	010252	LABORATORY SAMPLE ID	010252
VERIFICATION CODE	E4RLZTEW	CONDITION	Lyophilized

Test methodology

TEST PERFORMED	Bacterial Endotoxin Test	COMPENDIAL REFERENCE	USP <85>
ASSAY TYPE	Kinetic turbidimetric LAL	DETECTION WAVELENGTH	660 nm
DETECTION RANGE	0.01-1.0 EU/mL	ENDOTOXIN STANDARD	E. coli O111:B4
DILUTION VOLUME	2.0 mL	MATRIX	LAL Reagent Water

Quantitative results

Parameter	Result
Endotoxin Level	< 0.07 EU/mL
Acceptance Limit	<= 0.5 EU/mL
Sample CV (%)	3.2%
Spike CV (%)	3.0%
Spike Recovery (%)	85%
Recorded Determination	PASS (reported)

Controls

Control	Expected	Observed	Status
Positive Control	Detectable	As expected	PASS (reported)
Negative Control	No signal	As expected	PASS (reported)

FINAL DETERMINATION: PASS - AUTHORISED BY LAB DIRECTOR

Interpretation and review

The recorded endotoxin result is below the stated limit using the kinetic turbidimetric LAL method at 660 nm. The recorded precision and spike-recovery values support the reported determination, and both controls passed. The underlying data and this report were reviewed and authorised by the Lab Director.

Laboratory review

Lab Director: Bhavrat Singh	
Authorised signature: <i>Bhavrat Singh</i>	Review date: 03 September 2026