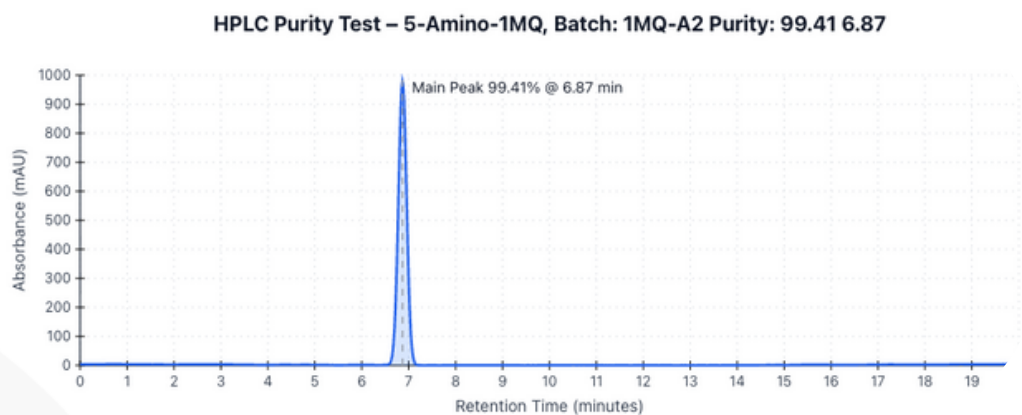


BATCH VERIFICATION

BATCH	1MQ-A2
Date	20.10.2025
Purity	99.41% HPLC
Heavy Metals	Non-detected



TECHNICAL PROPERTIES

Property	Details
Product	5-Amino-1MQ (5-Amino-1-methylquinolinium)
Identifiers	CAS 1190315-88-7
Molecular Formula	$C_{10}H_{11}N_2^+$
Molecular Weight	159.21 g/mol
Storage	Powder stable 3 yrs (–20 °C), 2 yrs (4 °C), 3 mo (25 °C). Reconstituted –80 °C 6 mo, –20 °C 1 mo, 20 °C 1 wk.
Chemical Structure	5-Amino-1-methylquinolin-1-ium; small-molecule NAD ⁺ methyltransferase inhibitor used in metabolic and anti-aging research.

TEST RESULTS

Test Item	Specification	Method	Result
Appearance	Yellow off white crystalline powder	Visual	Conforms
Purity (HPLC)	≥ 98.5 %	HPLC	99.41%
Water Content	≤ 1.0 %	Karl Fischer	0.41%
Identification	Consistent with reference	MS/NMR	Pass

Certified by: 

Assurance Date: 20/10/2025

This Certificate of Analysis confirms testing performed on the batch identified above. Manufactured in the Czech Republic and tested in collaboration with Axonis Analytics, all analyses were conducted using validated HPLC and NMR methods. Results are specific to this batch only and have been verified by Bluewell Peptides' Quality Control Department.