Certificate of Analysis

Product Name	5-Amino-1MQ (5-Amino-1-methylquinolinium iodide)		
Molecular Formula	$C_{10}H_{10}N_2 \cdot HI$	**Batch No.**	1MQ20260921
Molecular Weight	286.11 Da	**Date of Producing**	2026/09/21
Date of Survey	2026/09/27	**Expire Date**	2028/09/20
Reference Standard	Enterprise Standard	**Specification**	10mg/vial

TEST	SPECIFICATION	RESULT
Appearance	Yellow to orange crystalline powder	Conform
Solubility	Soluble in DMSO (≥ 10 mg/mL)	Conform
Identity (HPLC/MS)	Consistent with reference standard	Conform
Purity (By HPLC)	≥ 95.0%	98.5%
Related Substance (By HPLC)	Total Impurities ≤ 5.0%	1.5%
	Largest Single Impurity ≤ 2.0%	0.8%
Water Content (Karl Fischer)	≤ 2.0%	0.5%
Heavy Metals	≤ 20 ppm	< 20 ppm
Residual Solvents	Meets in-house requirements	Conform
Bacterial Endotoxin	< 10 EU/mg	< 10 EU/mg
Conclusion： the product conforms with enterprise standard and qualified		

The product is for compliant use only.

Research Enhanced Peptides