

## Certificate of Analysis

### 5-amino-1-methylquinolin-1-ium iodide

### 5-Amino 1MQ

CAS No	42464-96-0	Code	BIOJAMINOQ5
Lot No	MLP-NNMT-20250208	Manufacture Date	Feb.08, 2025
Retest Date	Feb.07, 2027	Quantity	5Kgs

Testing Items	Specifications	Results
Appearance	Red brown powder	Conforms
Identification	1. <sup>1</sup> HNMR confirms to structure 2. Reaction for identification of Iodides	Conforms Conforms
LCMS	Conforms to MW	Conforms
Water (Crystalline water included)	5.0%~7.0%	5.9%
Residue on ignition	≤0.1%	0.05%
Residual solvent	Methanol≤0.3%	0.002%
Related substances	Total impurities≤1.0%	0.86%
Heavy metals	≤20ppm	<20ppm
Lead (Pb)	≤0.5ppm	<0.5ppm
Arsenic (As)	≤1.5ppm	<1.5ppm
Cadmium (Cd)	≤0.5ppm	<0.5ppm
Mercury (Hg)	≤3.0ppm	<3.0ppm
Total plate count	≤1000cfu/g	<1000cfu/g
Yeast & Mold	≤100cfu/g	<100cfu/g
Purity (HPLC)	≥99.0%	99.14%
Conclusion	This product conforms to In-house standard	

**\*Storage Condition: Store at 0~8°C, Protect from moisture**