5-Amino-1-Methyl-1-Quinolinium-Iodide-monohydrate-NNMTi-H_2O-NNMT-20260522-Hyper

Product Name:	5-Amino-1-Methyl-1-Quinolinium Iodide monohydrate (NNMTi·H_2O)		
CAS No.:	42464-96-0	**Manufacturing Date:**	2026.05.22
Batch No.:	NNMT-20260522	**Analysis Date:**	2026.05.29
Molecular Formula:	$C_{10}H_{11}IN_2·H_2O$	**Retest Date:**	2028.05.21
Quantity:	80kg		

ITEM	STANDARD	RESULT
Appearance	Red brown powder	Conforms
Identification	(1) ^{1}HNMR confirms to structure (2) Reaction for Identification of Iodides	Conforms
LCMS	Conforms to MW	Conforms
Water (Crystalline water included)	5.0%~7.0%	5.82%
Residue on ignition	≤0.1%	0.09%
Residual solvent	Methanol ≤0.3%	Not detected
Related substances	Total impurities ≤1.0%	0.14%
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%	99.86%

Conclusion	This product conforms to the specifications.
Storage Condition	Store in a well-closed and dry place below 30 °C and no direct sunlight.