

Certificate of Analysis

Product	5-Amino-1-methyl-quinoline chloride	CAS No.	42464-96-0
Product No.	LJAMI-001	Batch No.	LJAMI2026051101
Date of Mfg	2026/05/11	Retest Date	2028/05/10
Test Method	In-house	Quantity	26.8kg
Storage Conditions	Protected from light, sealed		

Test	Acceptance Criteria	Results
Appearance	Brown to brownish-red powder	Conforms
Clarity	Take 1.0 g of the product, place it in a 25-mL colorimetric tube, add 3 mL of water, and shake until dissolved. The resulting solution should be clear, transparent, and free from foreign matter.	Conforms
Purity	$\geq 98.0\%$	99.52%
Related Substances	Single Impurity: $\leq 1.0\%$	0.47%
	Total Impurities: $\leq 2.0\%$	0.48%
Residue on ignition	$\leq 0.1\%$	0.04%
Acetate ion	$\leq 15.0\%$	6.8%
Heavy metal	$\leq 20\text{ppm}$	Conforms
Conclusion	☒ Meet the requirements ☐ Do not meet the requirements	
Remark	It is only supplied as chemical product. It is only for R&D use.	

Reporter/Date: 张洁 2026/05/15

Approver/Date: 刘辉 2026/05/15

