

## Certificate of Analysis

|                    |                                     |             |                 |
|--------------------|-------------------------------------|-------------|-----------------|
| Product            | 5-Amino-1-methyl-quinoline chloride | CAS No.     | 42464-96-0      |
| Product No.        | LJAMI-001                           | Batch No.   | LJAMI2026081101 |
| Date of Mfg        | 2026/08/11                          | Retest Date | 2028/08/10      |
| 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              | ≥98.0%                                                                                                                                                                                             | 99.52%   |
| Related Substances  | Single Impurity: ≤1.0%                                                                                                                                                                             | 0.47%    |
|                     | Total Impurities: ≤2.0%                                                                                                                                                                            | 0.48%    |
| Residue on ignition | ≤0.1%                                                                                                                                                                                              | 0.04%    |
| Acetate ion         | ≤15.0%                                                                                                                                                                                             | 6.8%     |
| Heavy metal         | ≤20ppm                                                                                                                                                                                             | Conforms |
| Conclusion          | <input checked="" type="checkbox"/> Meet the requirements <input type="checkbox"/> Do not meet the requirements                                                                                    |          |
| Remark              | It is only supplied as chemical product.<br>It is only for R&D use.                                                                                                                                |          |

Reporter/Date: 张洁 2026/08/15

Approver/Date: 刘辉 2026/08/15

