

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-01 08:00:13

Date of Next Testing: 2025-03-31 08:00:13

Product Name: **Ethyl 2-picolinate**

CAS Number: 2524-52-9

Specifications & Purity: $\geq 98.0\%$ (GC)

Lot #: C2327080

SKU #: **E133202****Analysis: 176614**

| Parameter | Limit Values | Result |
|-------------------------------------|------------------------------------|------------------------------------|
| Purity(GC) | 98-100 (%) | 99.59 % |
| Refractive index n ₂₀ /D | 1.509-1.511 | 1.51 |
| Density (20°C) | 1.12-1.123 | 1.12 |
| Appearance (E133202) | Colorless to Yellow to Pink Liquid | Colorless to Yellow to Pink Liquid |
| NMR Spectrum 1H | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager