

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-22 15:25:07
 Date of Next Testing: 2030-05-21 15:25:07
 Product Name: **Ethyl 5-Formyl-2,4-dimethyl-3-pyrrolecarboxylate**
 CAS Number: 2199-59-9
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: H2215233
 SKU #: **E156212**
 Version: **1**
 Analysis #: **709745**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	164-168 (°C)	165.03800 °C
Purity(HPLC)	98-100 (%)	99.51200 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(E156212)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal



John Su
QA & QC Manager