

Certificate of Analysis

Date of Testing: 2024-12-24 18:35:28

Date of Next Testing: 2027-12-24 18:35:28

Product Name: **4-FORMYL-3,5-DIMETHYL-1H-PYRROLE-2-CARBOXYLIC ACID ETHYL ESTER**

CAS Number: 2199-64-6

Specifications & Purity: $\geq 97\%$

Lot #: L2417278

SKU #: **F168679**

Version: **1**

Analysis #: **454747**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.50000 %
Melting point	141-149 (°C)	146.50800 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager