

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-20 18:08:50

Date of Next Testing: 2027-07-19 18:08:50

Product Name: **Ethyl imidazole-2-carboxylate**

CAS Number: 33543-78-1

Specifications & Purity: 98%(GC)

Lot #: G2312866

SKU #: **E124091**

Analysis: **218779**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	177-181 (°C)	179.52000 °C
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.68 %
Purity(GC)	98-100 (%)	98.06 %
Appearance (E124091)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager