

Certificate of Analysis

Date of Testing: 2023-04-09 10:41:25

Date of Next Testing: 2026-04-08 10:41:25

Product Name: **4-Oxo-1,3-piperidinedicarboxylic acid 1-benzyl ester 3-methyl ester**

CAS Number: 159299-93-1

Specifications & Purity: $\geq 97\%$

Lot #: C23311248

SKU #: **O191211**

Version: **1**

Analysis #: **188325**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.04800 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager