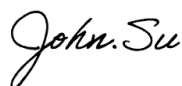


Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-07-07 11:28:20
Date of Next Testing: 2027-07-06 11:28:20
Product Name: **Cyclopentanecarboxylic acid**
CAS Number: 3400-45-1
Specifications & Purity: 98%
Lot #: F23281119
SKU #: **C104489**
Analysis: **237922**

Parameter	Limit Values	Result
Density (20°C)	1.052-1.055	1.05300
Purity(GC)	98-100 (%)	99.48300 %
Refractive index n ₂₀ /D	1.452-1.454	1.45310
Purity(Neutralization titration)	98-100 (%)	98.96000 %
Appearance (C104489)	Colorless to pale yellow to tan liquid	Colorless to pale yellow to tan liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager