

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-09 14:41:06

Date of Next Testing: 2026-03-08 14:41:06

Product Name: **Cyclopentanecarboxylic acid**

CAS Number: 3400-45-1

Specifications & Purity: 98%

Lot #: C2204326

SKU #: **C104489**

Analysis: **067777**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.052-1.055	1.05
Refractive index n ₂₀ /D	1.452-1.454	1.45
Purity(Neutralization titration)	98-100 (%)	98.80 %
Purity(GC)	98-100 (%)	98.73 %
Appearance (C104489)	Colorless to tan liquid	Colorless to tan liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager