

Certificate of Analysis

Date of Testing: 2023-07-06 17:16:19
 Date of Next Testing: 2027-07-05 17:16:19
 Product Name: **Cyclopentanecarboxylic acid**
 CAS Number: 3400-45-1
 Specifications & Purity: 98%
 Lot #: F23281117
 SKU #: **C104489**
Analysis: **237922**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.052-1.055	1.05
Purity(GC)	98-100 (%)	99.48 %
Refractive index n ₂₀ /D	1.452-1.454	1.45
Purity(Neutralization titration)	98-100 (%)	98.96 %
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