

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-09 16:33:42

Date of Next Testing: 2027-06-08 16:33:42

Product Name: **1,3-Cyclopentanediol (cis- and trans- mixture)**

CAS Number: 59719-74-3

Specifications & Purity: >95.0%(GC)

Lot #: F2302619

SKU #: **C153245**

Analysis: **219726**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)(total of isomers)	95-100 (%)	98.40 %
Appearance(C153245)	Colorless to Light orange to Yellow clear liquid	Colorless to Light orange to Yellow clear liquid to slightly cloudy 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