

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-07 10:32:28
 Date of Next Testing: 2027-03-06 10:32:28
 Product Name: **1,4-Cyclohexanedicarboxylic acid**
 CAS Number: 1076-97-7
 Specifications & Purity: $\geq 99\%$, mixture of cis- and trans-
 Lot #: F1905113
 SKU #: **C100837**
 Version: **0**
 Analysis #: **194718**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-100 (ppm)	58.00000 ppm
CIS-1.4 CHDA	60-85 (%)	75.00000 %
Water by Karl Fischer	0-1 (%)	0.34390 %
Iron(Fe)	0-15 (ppm)	12.00000 ppm
Purity((sum of isomers)(GC)	99-100 (%)	99.00000 %
Melting point	165-168 (°C)	167.18000 °C
Appearance (C100837)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager