

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-18 14:22:05
Date of Next Testing: 2026-07-17 14:22:05
Product Name: **1,4-Cyclohexanedicarboxylic acid**
CAS Number: 1076-97-7
Specifications & Purity: $\geq 99\%$, mixture of cis- and trans-
Lot #: 11814029
SKU #: **C100837**
Version: **0**
Analysis #: **114081**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-100 (ppm)	45.00000 ppm
CIS-1.4 CHDA	60-85 (%)	66.70000 %
Water by Karl Fischer	0-1 (%)	0.60000 %
Iron(Fe)	0-15 (ppm)	7.20000 ppm
Purity((sum of isomers)(GC)	99-100 (%)	99.32600 %
Melting point	165-168 (°C)	166.70000 °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