

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-11 15:53:31

Date of Next Testing: 2027-07-10 15:53:31

Product Name: **2,3-Dichlorobutane**

CAS Number: 7581-97-7

Specifications & Purity: $\geq 95\%$, mixture of cis- and trans-

Lot #: F23281174

SKU #: **D155309**

Version: **1**

Analysis #: **233163**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.442-1.4496	1.44220
Purity(mixture of cis and trans)(GC)	95-100 (%)	98.94400 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager