

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-23 16:41:48

Date of Next Testing: 2027-04-22 16:41:48

Product Name: **3-Methyl-1-butanol**

CAS Number: 123-51-3

Specifications & Purity: AR, ≥98.5%

Lot #: D23191142

SKU #: **M116196**

Version: **1**

Analysis #: **215143**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.406-1.408	1.40680
Acidity(as H ⁺)	0-0.04	0.02130
Carbonyl compounds(CO)	0-0.1 (%)	0.06900 %
Purity(sum of isomers)(GC)	98.5-100 (%)	99.36600 %
Evaporation Residue	0-0.002 (%)	0.00000 %
Acids and esters[CH ₃ COO(CH ₂) ₄ CH ₃]	0-0.06 (%)	0.03000 %
Water by Karl Fischer	0-0.2 (%)	0.02230 %
Iron(Fe)	0-0.3 (ppm)	0.17100 ppm
Boiling point	129-131 (°C)	129.04000 °C
Readily carbonizable substance	pass	Pass



John Su
QA & QC Manager