



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-20 10:11:32

Date of Next Testing: 2026-09-19 10:11:32

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

CAS Number: 123-51-3

Specifications & Purity: AR, ≥98.5%

Lot #: I2214023

SKU #: **M116196**

Version: **1**

Analysis #: **136904**

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	0.02830
Carbonyl compounds(CO)	0-0.1 (%)	0.02310 %
Purity(sum of isomers)(GC)	98.5-100 (%)	99.93300 %
Evaporation Residue	0-0.002 (%)	0.00100 %
Acids and esters[CH ₃ COO(CH ₂) ₄ CH ₃]	0-0.06 (%)	0.05990 %
Water by Karl Fischer	0-0.2 (%)	0.03610 %
Iron(Fe)	0-0.3 (ppm)	0.12500 ppm
Boiling point	129-131 (°C)	130.23000 °C
Readily carbonizable substance	pass	Pass

John Su
QA & QC Manager