

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-16 17:49:31

Date of Next Testing: 2029-10-15 17:49:31

Product Name: **1-Pentanol**

CAS Number: 71-41-0

Specifications & Purity: ACS

Lot #: J2511032

SKU #: **P108129**

Version: **0**

Analysis #: **393859**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.003 (%)	0.00000 %
Refractive index n ₂₀ /D	1.407-1.411	1.40850
Purity(GC)	99-100 (%)	99.83100 %
Water by Karl Fischer	0-0.5 (%)	0.01670 %
Color Test	0-30	0.00000
Acids and Esters Pass	0-0.075 (mg/g)	0.07500 mg/g
Carbonyl compounds	0-0.1 (%)	0.07740 %
Appearance (P108129)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager