

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-05 13:34:25  
Date of Next Testing: 2027-05-04 13:34:25  
Product Name: **1-Pentanol**  
CAS Number: 71-41-0  
Specifications & Purity: Analytical Reagent,98%  
Lot #: D23241098  
SKU #: **P108128**  
Analysis: **217571**

Parameter	Limit Values	Result
Acidity	0-0.1 (mmol)	0.00 mmol
Density (20°C)	0.813-0.816	0.82
Evaporation Residue	0-0.005 (%)	0.00 %
Refractive index n <sub>20</sub> /D	1.409-1.411	1.41
Water by Karl Fischer	0-0.2 (%)	0.15 %
Purity(GC)	98-100 (%)	99.71 %
Boiling range,137.0-139.0°C	Conforms	Conforms



John Su  
QA & QC Manager