

Certificate of Analysis

Date of Testing: 2022-11-21 18:05:54

Date of Next Testing: 2026-11-20 18:05:54

Product Name: **1-Pentanol**

CAS Number: 71-41-0

Specifications & Purity: ACS

Lot #: K22181004

SKU #: **P108129**

Analysis: 150500

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.003 (%)	0.00 %
Refractive index n ₂₀ /D	1.407-1.411	1.41
Carbonyl compounds	0-0.1 (%)	0.05 %
Purity(GC)	99-100 (%)	99.87 %
Water by Karl Fischer	0-0.5 (%)	0.02 %
Acids and Esters Pass	0-0.075 (mg/g)	0.01 mg/g
Color Test	0-30	0.00
Appearance (P108129)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager