

## Certificate of Analysis

Date of Testing: 2024-08-29 14:15:06  
Date of Next Testing: 2028-08-28 14:15:06  
Product Name: **1-Pentanol**  
CAS Number: 71-41-0  
Specifications & Purity: ACS  
Lot #: H2416172  
SKU #: **P108129**  
Version: **0**  
Analysis #: **393859**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.003 (%)	0.00 %
Refractive index n <sub>20</sub> /D	1.407-1.411	1.41
Purity(GC)	99-100 (%)	99.83 %
Water by Karl Fischer	0-0.5 (%)	0.02 %
Color Test	0-30	0.00
Acids and Esters Pass	0-0.075 (mg/g)	0.07 mg/g
Carbonyl compounds	0-0.1 (%)	0.08 %
Appearance (P108129)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager