

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-24 16:31:15

Date of Next Testing: 2030-08-23 16:31:15

Product Name: **1-Pentanol**

CAS Number: 71-41-0

Grades & Purity: high-purity, ≥99.5%(GC)

Lot #: H2615067

SKU #: **P108126**

Version: **0**

Analysis #: **696691**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Calcium(Ca)	0-50 (%)	0.00200 %
Iron(Fe)	0-50 (%)	0.21540 %
Chromium(Cr)	0-0.02 (ppm)	0.00350 ppm
Boron(B)	0-0.02 (ppm)	0.00150 ppm
Water by Karl Fischer	0-0.1 (%)	0.00250 %
Zinc(Zn)	0-10 (%)	0.01850 %
Cobalt(Co)	0-0.02 (ppm)	0.00010 ppm
Barium(Ba)	0-10 (%)	0.25840 %
Aluminum(Al)	0-50 (%)	0.15520 %
Sn (Tin)	0-10 (%)	0.32500 %
Nickel(Ni)	0-0.02 (ppm)	0.01820 ppm
Manganese(Mn)	0-0.02 (ppm)	0.00153 ppm
Magnesium(Mg)	0-10 (%)	0.32500 %
Evaporation Residue	0-0.005 (%)	0.00010 %
Valerian aldehyde (GC)	0-0.1 (%)	0.00350 %
(Pb)Lead	0-10 (%)	0.25200 %
Cadmium(Cd)	0-5 (%)	0.32500 %
Purity(GC)	99.5-100 (%)	99.85100 %
free acid (as CH ₃ COOH)	0-0.005 (%)	0.00100 %
Copper(Cu)	0-0.02 (ppm)	0.00210 ppm
Appearance (P108126)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Readily carbonizable substance	pass	Pass



John Su
QA & QC Manager