

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-04 17:23:38

Date of Next Testing: 2028-11-03 17:23:38

Product Name: **Petroleum benzine**

CAS Number: 64742-49-0

Specifications & Purity: for analysis boiling range 40-60°C , Premium-Grade Reagents ACS,ISO

Lot #: K2503645

SKU #: **P476418**

Version: **1**

Analysis #: **596217**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acidity	0-0.0003 (meq/g)	0.00020 meq/g
Color	0-10	4.00000
Density(D20/4°C)	0.642-0.655	0.64800
Boiling range (40-60°C)	≥90 (%)	96.00000 %
Aromatics(as benzene)	0-0.02 (%)	0.00100 %
Sulfur compounds(as S)	0-0.005 (%)	0.00500 %
Matter discolored by H2SO4	≤ 10 (APHA)	10.00000 APHA
Peroxide value (by Wheeler)	≤ 0.8 (%)	0.10000 %
Evaporation Residue	0-0.001 (%)	0.00010 %
Water by Karl Fischer	0-0.01 (%)	0.01000 %
Aluminium(Al)	0-0.5 (ppm)	0.05000 ppm
Boron(B)	0-0.02 (ppm)	0.00200 ppm
Barium(Ba)	0-0.1 (ppm)	0.01000 ppm
Calcium(Ca)	0-0.5 (ppm)	0.05000 ppm
Cadmium(Cd)	0-0.05 (ppm)	0.00500 ppm
Cobalt(Co)	0-0.02 (ppm)	0.00200 ppm
Chromium(Cr)	0-0.02 (ppm)	0.00200 ppm
Copper(Cu)	0-0.02 (ppm)	0.00200 ppm
Iron(Fe)	0-0.1 (ppm)	0.01000 ppm
Magnesium(Mg)	0-0.1 (ppm)	0.01000 ppm
Manganese(Mn)	0-0.02 (ppm)	0.00200 ppm
Nickel(Ni)	0-0.02 (ppm)	0.00200 ppm
Lead(Pb)	0-0.1 (ppm)	0.01000 ppm
Tin(Sn)	0-0.1 (ppm)	0.01000 ppm
Zinc(Zn)	0-0.1 (ppm)	0.01000 ppm



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager