

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-08 15:17:40

Date of Next Testing: 2029-07-07 15:17:40

Product Name: **Phenol**

CAS Number: 108-95-2

Specifications & Purity: UltraBio™, Suitable for molecular biology, TE-saturated, ~73% (T)

Lot #: G2607613

SKU #: **P755666**

Version: **2**

Analysis #: **733659**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Assay(TITRATION (T) NAOH 1M)	69-77 (%)	70.00000 %
Refractive index n20/D	1.465 -1.494	1.48500
PH (10% Water)	7.3-8.3	7.70000
Water by Karl Fischer	23-31 (%)	28.00000 %
Aluminium(Al)	0-5 (ppm)	2.50000 ppm
Barium(Ba)	0-5 (ppm)	2.10000 ppm
Bismuth(Bi)	0-5 (ppm)	1.05000 ppm
Calcium(Ca)	0-10 (ppm)	0.65000 ppm
Cadmium(Cd)	0-5 (ppm)	0.66900 ppm
Cobalt(Co)	0-5 (ppm)	0.52000 ppm
Chromium(Cr)	0-5 (ppm)	0.41000 ppm
Copper(Cu)	0-5 (ppm)	1.52200 ppm
Iron(Fe)	0-5 (ppm)	1.05200 ppm
Potassium(K)	0-50 (ppm)	1.66600 ppm
Lithium(Li)	0-5 (ppm)	1.96000 ppm
Magnesium(Mg)	0-5 (ppm)	1.74000 ppm
Manganese(Mn)	0-5 (ppm)	1.63000 ppm
Molybdenum(Mo)	0-5 (ppm)	2.54100 ppm
Sodium(Na)	0-50 (ppm)	1.63000 ppm
Nickel(Ni)	0-5 (ppm)	1.95200 ppm
Lead(Pb)	0-5 (ppm)	0.99500 ppm
Strontium(Sr)	0-5 (ppm)	0.62000 ppm
Zinc(Zn)	0-5 (ppm)	1.50000 ppm
Arsenic traces(MHS-AAS)	0-0.1 (ppm)	0.05000 ppm
Total sulfur as SO4 (ICP)	0-50 (ppm)	2.30000 ppm



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Parameter	Limit Values	Result
Appearance(P755666)	Yellow to Very Dark Yellow liquid	Yellow to Very Dark Yellow Liquid
Dnases, Rnases, Proteases, Phosphatases	None Detected	none detected
Residue (filter test)	no residue	no residue

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager