

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-03 17:30:19

Date of Next Testing: 2029-09-02 17:30:19

Product Name: **Phenol**

CAS Number: 108-95-2

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

Lot #: H2627059

SKU #: **P755666**

Version: **2**

Analysis #: **760752**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.465 -1.494	1.48900
PH (10% Water)	7.3-8.3	7.40000
Water by Karl Fischer	23-31 (%)	31.00000 %
Aluminium(Al)	0-5 (ppm)	0.10000 ppm
Barium(Ba)	0-5 (ppm)	0.10000 ppm
Bismuth(Bi)	0-5 (ppm)	0.10000 ppm
Calcium(Ca)	0-10 (ppm)	0.23500 ppm
Cadmium(Cd)	0-5 (ppm)	0.10000 ppm
Cobalt(Co)	0-5 (ppm)	0.10000 ppm
Chromium(Cr)	0-5 (ppm)	0.10000 ppm
Copper(Cu)	0-5 (ppm)	0.10000 ppm
Iron(Fe)	0-5 (ppm)	0.10000 ppm
Potassium(K)	0-50 (ppm)	0.31500 ppm
Lithium(Li)	0-5 (ppm)	0.10000 ppm
Magnesium(Mg)	0-5 (ppm)	0.10000 ppm
Manganese(Mn)	0-5 (ppm)	0.10000 ppm
Molybdenum(Mo)	0-5 (ppm)	0.10000 ppm
Sodium(Na)	0-50 (ppm)	0.13600 ppm
Nickel(Ni)	0-5 (ppm)	0.10000 ppm
Lead(Pb)	0-5 (ppm)	0.10000 ppm
Strontium(Sr)	0-5 (ppm)	0.10000 ppm
Zinc(Zn)	0-5 (ppm)	0.10000 ppm
Arsenic traces(MHS-AAS)	0-0.1 (ppm)	0.01000 ppm
Total sulfur as SO ₄ (ICP)	0-50 (ppm)	0.43200 ppm
Assay(Compounding value)	69-77 (%)	70.00000 %

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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

John Su

John Su
QA & QC Manager