

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-10 15:48:08

Date of Next Testing: 2029-07-09 15:48:08

Product Name: **Phenol**

CAS Number: 108-95-2

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

Lot #: D2613482

SKU #: **P755666**

Version: **2**

Analysis #: **739224**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.465 -1.494	1.48070
PH (10% Water)	7.3-8.3	8.09000
Aluminium(Al)	0-5 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Bismuth(Bi)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-10 (ppm)	3.00000 ppm
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
Cobalt(Co)	0-5 (ppm)	0.00000 ppm
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-50 (ppm)	0.00000 ppm
Lithium(Li)	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	0.00000 ppm
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-50 (ppm)	13.00000 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
Lead(Pb)	0-5 (ppm)	0.00000 ppm
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Arsenic traces(MHS-AAS)	0-0.1 (ppm)	0.00000 ppm
Total sulfur as SO ₄ (ICP)	0-50 (ppm)	0.00000 ppm
Assay(Compounding value)	69-77 (%)	71.40000 %
Water by Karl Fischer	23-31 (%)	29.14380 %



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

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

John Su
QA & QC Manager