

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-16 08:32:50

Date of Next Testing: 2028-12-15 08:32:50

Product Name: **Phenol red**

CAS Number: 143-74-8

Specifications & Purity: Ph.Eur., phenolsulfonphthalein

Lot #: GML2515001

SKU #: **P432097**

Version: **1**

Analysis #: **627014**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay (potassium bromate, calculated on dried substance)	98-102 (%)	99.32000 %
Insoluble Substances	≤ 0.5 (%)	0.20000 %
Sulfated Ash	0-0.2 (%)	0.13000 %
Loss on drying(105°C)	0-1 (%)	0.67000 %
Sum of all impurities	≤ 2 (%)	0.15000 %
Acetone(HS-GC)	0-5000 (ppm)	21.00000 ppm
2-Propanol (HS-GC)	≤ 5000 (ppm)	10.00000 ppm
Toluene(HS-GC)	0-890 (ppm)	1.00000 ppm
Appearance(P432097)	bright-red to dark-red, crystalline powder	bright-red to dark-red, crystalline powder
Solubility: soluble in water, slightly soluble in ethanol (96 per cent)	Pass	Pass
Identity(EP)(A)	passes test	Passes test
Identity(EP)(B)	passes test	Passes test
Identity (EP)(C)	passes test	Passes test
Related substances(TLC)	passes test	Passes test
Other residual solvents (Ph Eur) excluded by production process	Pass	Pass



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager