

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-22 11:55:35

Date of Next Testing: 2026-08-12 11:55:35

Product Name: **Cresol red**

CAS Number: 1733-12-6

Specifications & Purity: Indicator

Lot #: H2407300

SKU #: **C100242**Version: **0**Analysis #: **393724**

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	0.12 %
α 1(λ 1,pH6.5 dry basis)	49-67	53.68
λ 2 (pH8.5)	571-574 (nm)	573.00 nm
λ 1 (pH6.5)	432-436 (nm)	434.00 nm
Ignition Residue (as sulfate)	0-0.2 (%)	0.02 %
α 2 (λ 2,pH8.5,dry basis)	100-132	112.54
PH Transition interval,6.5(yellow)~8.5(purple)	Conforms	Conforms
Solubility in 50% EtOH	Clear,0.1%	Clear,0.1%

John Su
QA & QC Manager