

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-09 16:24:34

Date of Next Testing: 2028-04-28 16:24:34

Product Name: **Cresol red**

CAS Number: 1733-12-6

Specifications & Purity: indicator

Lot #: D2623218

SKU #: **C100242**

Version: **0**

Analysis #: **681992**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	0.10250 %
$\alpha 1$ ($\lambda 1$,pH6.5 dry basis)	49-67	52.63000
$\lambda 2$ (pH8.5)	571-574 (nm)	573.00000 nm
$\lambda 1$ (pH6.5)	432-436 (nm)	434.00000 nm
Ignition Residue (as sulfate)	0-0.2 (%)	0.10200 %
$\alpha 2$ ($\lambda 2$,pH8.5,dry basis)	100-132	115.36500
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