

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-13 13:49:09

Date of Next Testing: 2025-06-02 13:49:09

Product Name: **Cresol red**

CAS Number: 1733-12-6

Specifications &amp; Purity: Indicator

Lot #: I2113184

SKU # **C100242****Analysis: 240436**

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	1.60 %
$\alpha$ 1( $\lambda$ 1,pH6.5 dry basis)	49-67	61.30
$\lambda$ 2 (pH8.5)	571-574 (nm)	573.00 nm
$\lambda$ 1 (pH6.5)	432-436 (nm)	435.00 nm
Ignition Residue (as sulfate)	0-0.2 (%)	0.10 %
$\alpha$ 2 ( $\lambda$ 2,pH8.5,dry basis)	100-132	110.00
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