

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-07 15:44:38

Date of Next Testing: 2024-08-27 15:44:38

Product Name: **Cresol red**

CAS Number: 1733-12-6

Specifications &amp; Purity: Indicator

Lot #: I2201286

SKU #: **C100242****Analysis: 118824**

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	2.38 %
$\alpha$ 1( $\lambda$ 1,pH6.5 dry basis)	49-67	62.71
$\lambda$ 2 (pH8.5)	571-574 (nm)	573.00 nm
$\lambda$ 1 (pH6.5)	432-436 (nm)	432.00 nm
Ignition Residue (as sulfate)	0-0.2 (%)	0.15 %
$\alpha$ 2 ( $\lambda$ 2,pH8.5,dry basis)	100-132	121.80
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