

## Certificate of Analysis

Date of Testing: 2023-05-24 14:37:13

Date of Next Testing: 2025-05-13 14:37:13

Product Name: **Phenol red**

CAS Number: 143-74-8

Specifications & Purity: ACS

Lot #: E2317912

SKU #: **P110947**

**Analysis: 209356**

Parameter	Limit Values	Result
Extinction Coefficient(H <sub>2</sub> O,288-294 nm)	≥10000	10911.00
Extinction Coefficient(H <sub>2</sub> O,357-363 nm)	≥7000	7636.00
Extinction Coefficient(H <sub>2</sub> O,555-561 nm)	≥55000	56207.00
Clarity of solution	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,pH 6.8 (yellow) – pH 8.2 (red)	Conforms	Conforms
Appearance (P110947)	Red to Dark Red to Dark Brown Powder	Red to Dark Red to Dark Brown Powder



John Su  
QA & QC Manager