

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Phenol Red (pH Indicator) AR

Catalog Number : T-8007

Batch Number : 8007-00000000

CAS Number : 143-74-8

Molecular Weight : 354.38 g/mol

Mol. Formula : C₁₉H₁₄O₅S

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	Reddish powder	Reddish powder
2	Visual transition range	pH 6.8 (yellow) - 8.2 (Red)	complies
3	Absorption maxima at pH 6.5 (λ ₁)	430 - 435 nm	434 nm
4	Absorption maxima at pH 8.2 (λ ₂)	557 - 560 nm	558 nm
5	Loss on drying (at 110 °C)	max 5.0 %	0.1373%
6	Clarity of solution	passes test	passes

Corresponds to AR/ACS Grade

LABOTIQ In-house product specification, referenced to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC