
Certificate of Analysis

Product Name	: PHENOL RED INDICATOR	Product Code	: 91799- 25 G
Batch Number	: F25A212	CAS Number	: 143-74-8
Mfg. Month & Year	: January, 2025	Exp. Month & Year	: December, 2029

Test	Results	Specification
APPEARANCE	Complies	Bright red to dark red crystalline powder.
APPEARANCE OF SOLUTION	Complies	Solution of 0.1 g in 100 ml of water is clear.
GUARANTEED ANALYSIS		
ABSORPTION MAXIMA AT pH 1.2	505.00 nm	503.0 - 510.0 nm
ABSORPTION MAXIMA AT pH 3.0	431.00 nm	430.0 - 435.0 nm
ABSORPTION MAXIMA AT pH 6.5	432.00 nm	430.0 - 435.0 nm
ABSORPTION MAXIMA AT pH 8.0	560.00 nm	557.0 - 565.0 nm
pH RANGE 6.8 - 8.4 (Yellow to Red)	Complies	Passes Test
SENSITIVITY	Complies	Passes Test
MAXIMUM LIMITS OF IMPURITIES		
LOSS ON DRYING (110°C)	0.73%	5.0%

REMARKS:

This is to certify that the above mentioned batch has been analyzed at the time of quality release and has been found to be complying with the label claim/prescribed specifications.

Dr. Rashmi Ranjan Mohanty
Director-Technical

This document has been produced electronically and is valid without signature.