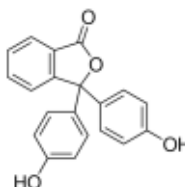


Certificate of Analysis

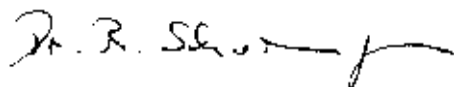
Product Name:

Phenolphthalein - ACS reagent

Product Number: 105945
Batch Number: BCCM7361
Brand: SIAL
CAS Number: 77-09-8
Formula: C₂₀H₁₄O₄
Formula Weight: 318,32 g/mol
Quality Release Date: 20 JAN 2025



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility	Pass	Pass
"1%, Ethanol; Clear With No More Than a Faint Trace of Turbidity"		
pH		8.0
(pH-Transition) 8.0 Colorless		
pH		8.2
(pH-Transition) 8.2 Pale Pink		
pH		8.6
(pH-Transition) 8.6 Pink		
pH		10.0
(pH-Transition) 10.0 Red		
Infrared Spectrum	Conforms to Structure	Conforms
Meets ACS Requirements	Corresponds to Requirements	Corresponds
Meets Current ACS Specification		



Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

