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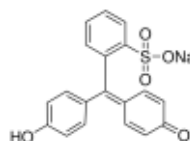
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Phenol Red sodium salt - ACS reagent, Dye content 90 %

Product Number: 114537
CAS Number: 34487-61-1
MDL: MFCD00066901
Formula: C₁₉H₁₃NaO₅S
Formula Weight: 376.36 g/mol



TEST	Specification
Appearance (Color)	Red to Very Dark Red and Red-Brown and Brown-Red
Appearance (Form)	Conforms to Requirements
Powder, Crystals or Crystalline Powder	
Wavelength	422 - 426 nm
c = 0.01g/L; Methanol	
Extinction Coefficient	≥ 19000
Wavelength	265 - 269 nm
Extinction Coefficient	≥ 9000
Carbon	54.2 - 67.0 %
Appearance (Clarity)	Pass
Clarity of Solution	
c = 0.1g/100ml; Water	
Visual Interval	Pass
pH 6.8 Yellow	
Visual Interval	Pass
pH 7.0 Orange	
Visual Interval	Pass
pH 8.2 Red	
Recommended Retest Period	-----
5 years	
Meets ACS Requirements	Current ACS Specification

Specification: PRD.3.ZQ5.10000029295

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.