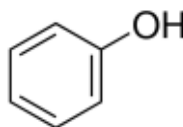


Certificate of Analysis

Product Name:

Phenol - for molecular biology

Product Number: P1037
Batch Number: BCCM6849
Brand: SIAL
CAS Number: 108-95-2
Formula: C₆H₆O
Formula Weight: 94,11 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 14 JAN 2025



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Crystals	Crystals
Purity (GC)	≥ 99.0 %	100.0 %
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50mg/ml Water		
Water	≤ 0.5 %	0.1 %
Infrared Spectrum	Conforms to Structure	Conforms
Magnesium (Mg)	≤ 2 ppm	< 2 ppm
Lead (Pb)	≤ 5 ppm	< 5 ppm

A handwritten signature in black ink, appearing to read 'Dr. R. Schwenninger'.

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.

