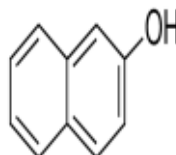


Certificate of Analysis

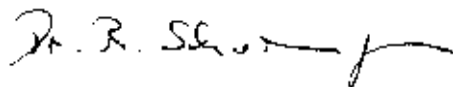
Product Name:

2-Naphthol - BioXtra, ≥99.0% (GC)

Product Number: 70448
Batch Number: BCCG4890
Brand: SIAL
CAS Number: 135-19-3
Formula: C₁₀H₈O
Formula Weight: 144,17 g/mol
Quality Release Date: 10 SEP 2021
Recommended Retest Date: JUL 2027



Test	Specification	Result
Appearance (Color)	White to Light Beige to Light Brown	White
Appearance (Form)	Powder or Crystals	Powder
Purity (GC)	≥ 99.0 %	100.0 %
Melting Point	121 - 123 °C	122 °C
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
1g in 10ml Methanol		
Residue on Ignition	≤ 0.05 %	< 0.05 %
Carbon Content		83.51 %
83.31 % (Theory)		
Hydrogen Content		5.70 %
5.59 % (Theory)		
Infrared Spectrum	Conforms to Structure	Conforms
Luminescence	Corresponds to Requirements	Corresponds
Fluorescence (Emmission Max)	414.0 - 428.0 nm	417.0 nm



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.

