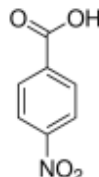


Certificate of Analysis

Product Name:

4-Nitrobenzoic acid - purum, ≥98.0% (HPLC)

Product Number: 72910
Batch Number: BCCJ9232
Brand: SIAL
CAS Number: 62-23-7
Formula: C₇H₅NO₄
Formula Weight: 167,12 g/mol
Quality Release Date: 19 JAN 2023



Test	Specification	Result
Appearance (Color)	White to Light Yellow	Faint Yellow
Appearance (Form)	Powder or Crystals	Crystals
Titration with NaOH	98.0 - 102.0 %	100.3 %
Purity (HPLC)	≥ 98.0 %	100.0 %
Melting Point	239 - 242 °C	242 °C
Solubility (Color)	Colorless to Very Faint Green-Yellow	Almost Colorless
Solubility (Turbidity)	Clear	Clear
0.1g in 10ml Dioxane, Hot		
¹ H NMR Spectrum	Conforms to Structure	Conforms

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.

