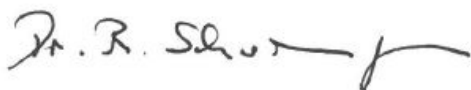


Certificate of Analysis

Product Name: 4-NITROBENZOIC ACID
98 %
Product Number: 461091
Batch Number: BCCB5659
Brand: Aldrich
CAS Number: 62-23-7
Formula: $\text{O}_2\text{NC}_6\text{H}_4\text{CO}_2\text{H}$
Formula Weight: 167.12
Quality Release Date: 15 MAY 2019

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	YELLOW	YELLOW
APPEARANCE (FORM)	POWDER OR CRYSTALS	POWDER
TITRATION (T) NAOH 0.1M	97.5 - 102.5 %	100.0 %
PURITY (HPLC AREA %)	≥ 97.5 %	99.8 %
PROTON NMR SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS



Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland

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.