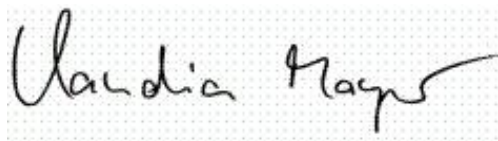


Certificate of Analysis

Product Name: 4-NITROBENZOYL CHLORIDE
98 %
Product Number: 112208
Batch Number: STBJ1659
Brand: Aldrich
CAS Number: 122-04-3
Formula: $\text{O}_2\text{NC}_6\text{H}_4\text{COCl}$
Formula Weight: 185.56
Quality Release Date: 16 APR 2019

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	FAINT YELLOW TO YELLOW	LIGHT YELLOW
APPEARANCE (FORM)	CRYSTALS OR FLAKES OR SOLID	FLAKES
ARGENTOMETR. TITRATION	97.5 - 102.5 %	100.2 %
PURITY (GC AREA %)	≥ 97.5 %	> 99.9 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS



Claudia Mayer
Manager Quality Control
Steinheim, Germany

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.