

3050 Spruce Street, Saint Louis, MO 63103, USA

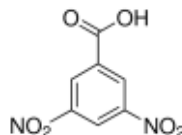
Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Certificate of Analysis

Product Name:

3,5-Dinitrobenzoic acid - 99%

Product Number: 121258  
Batch Number: WXBC8471V  
Brand: ALDRICH  
CAS Number: 99-34-3  
Formula: C<sub>7</sub>H<sub>4</sub>N<sub>2</sub>O<sub>6</sub>  
Formula Weight: 212.12 g/mol  
Quality Release Date: 30 SEP 2018



Test	Specification	Result
Appearance (Colour)	Faint Yellow to Dark Yellow	Faint Yellow
Appearance (Form)	Powder or Crystals	Powder
Infrared spectrum	Conforms to Structure	Conforms
Purity (Titration by NaOH)	98.5 - 101.5 %	98.9 %
GC (area %)	≥ 98.5 %	99.0 %
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
c = 50mg/ml; Ethanol		
Solubility (Colour)	Faint Yellow to Dark Yellow and Yellow-Green	Yellow-Green



Steven Chen, Manager  
Quality Control  
Wuxi, China CN

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](http://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.