

Product Specification

Product Name:

o-Toluidine - purum p.a., ≥99.5% (GC)

Product Number:

89610

CAS Number:

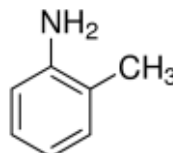
95-53-4

Formula:

C₇H₉N

Formula Weight:

107,15 g/mol



TEST	Specification
Appearance (Color)	Colorless to Very Light Yellow to Very Light Brown
MAY DISCOLOR ON STORAGE	
Appearance (Form)	Liquid
Titration with HClO ₄	99.0 - 101.0 %
Purity (GC)	≥ 99.5 %
GC Minor Component 1	≤ 0.50 %
p-Toluidine	
GC Minor Component 2	≤ 0.50 %
m-Toluidine	
Refractive index at 20 °C	1.571 - 1.573
Water	≤ 0.1 %
Residue on Ignition	≤ 0.01 %
¹ H NMR Spectrum	Conforms to Structure
Metal Trace Analysis (ICP)	Corresponds to Requirements
Calcium (Ca)	≤ 5 mg/kg
Cadmium (Cd)	≤ 1 mg/kg
Cobalt (Co)	≤ 1 mg/kg
Chromium (Cr)	≤ 1 mg/kg
Copper (Cu)	≤ 1 mg/kg
Iron (Fe)	≤ 1 mg/kg
Potassium (K)	≤ 20 mg/kg
Magnesium (Mg)	≤ 1 mg/kg
Manganese (Mn)	≤ 1 mg/kg
Sodium (Na)	≤ 20 mg/kg

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.



3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

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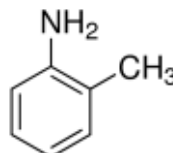
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TEST	Specification
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Nickel (Ni)	≤ 1 mg/kg
Lead (Pb)	≤ 1 mg/kg
Zinc (Zn)	≤ 1 mg/kg

Specification: PRE.0.ZQ5.10000024524

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