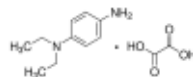


Certificate of Analysis

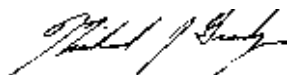
Product Name:

N,N-Diethyl-p-phenylenediamine oxalate salt

Product Number: D5143
Batch Number: MKCP0835
Brand: SIGMA
CAS Number: 142439-89-2
MDL Number: MFCD00042025
Formula: C₁₀H₁₆N₂ · C₂H₂O₄
Formula Weight: 254.28 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 30 MAR 2021



Test	Specification	Result
Appearance (Color)	White to Yellow	Off White
Appearance (Form)	Powder or Crystals or Solid or Chunks	Powder
Solubility (Color)	Very Faint Yellow to Pink	Very Faint Yellow
Solubility (Turbidity)	Clear to Very Slightly Hazy	Clear
50 mg/mL, 1M HCl		
Water (by Karl Fischer)	≤ 14 %	3 %
Purity (TLC)	≥ 85 %	> 99 %



Michael Grady, Manager
Quality Control
Milwaukee, WI US

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.

