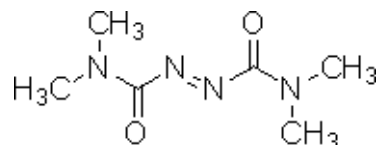


3050 Spruce Street, Saint Louis, MO 63103, USA

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Product Specification

Product Name:
DiamideProduct Number: **D3648**
CAS Number: 10465-78-8Formula: C₆H₁₂N₄O₂
Formula Weight: 172.19 AMU

TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	Yellow
Solubility (Solvent)	Water
Solubility (Conc)	19.00 - 21.00 mg/ml
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Orange
Elemental Anal. (%C anhydrous)	41.35 - 42.35 %
Elemental Anal. (%N anhydrous)	31.54 - 33.54 %
NMR (Solvent)	D ₂ O
Identity by NMR	Consistent
Purity (TLC)	≥ 98.00 %
Initial Melting Point	≥ 104 °C
Final Melting Point	≤ 112 °C
Recommended Retest Period	-----
3 Years	

Specification: PRE.0.ZQ5.10000001666

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.