

M<sub>2</sub>-5

**SIGMA-ALDRICH®**

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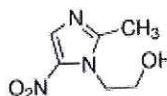
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## Certificate of Analysis

Product Name:

Metronidazole – analytical standard

Product Number: M3761  
Batch Number: MKBZ3056V  
Brand: SIAL  
CAS Number: 443-48-1  
MDL Number: MFCD00009750  
Formula: C<sub>6</sub>H<sub>9</sub>N<sub>3</sub>O<sub>3</sub>  
Formula Weight: 171.15 g/mol  
Storage Temperature: Store at 2 - 8 °C  
Quality Release Date: 26 MAY 2016  
Date Retested: 20 FEB 2018  
Recommended Retest Date: FEB 2020



Test	Specification	Result
Appearance (Color)	White to Light Yellow	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Light Yellow to Light Green	Faint Yellow-Green
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
50 mg/ml HoAC		
Titration by HClO <sub>4</sub>	≥ 98 %	100 %
Purity (TLC)	≥ 98 %	> 99 %
Recommended Retest Period	-----	-----
2 years		

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](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.