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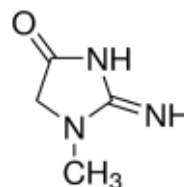
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## Product Specification

Product Name:  
Creatinine - anhydrous, ≥98%

**Product Number:** C4255  
**CAS Number:** 60-27-5  
**MDL:** MFCD00059730  
**Formula:** C<sub>4</sub>H<sub>7</sub>N<sub>3</sub>O  
**Formula Weight:** 113.12 g/mol



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/mL, H <sub>2</sub> O	
Loss on Drying	≤ 1.0 %
Carbon	41.6 - 43.3 %
Nitrogen	36.4 - 37.9 %
Infrared spectrum	Conforms to Structure
Purity (TLC)	≥ 98 %
Suitability	Suitable
Material tested and found suitable as substrate for creatininase.	
Recommended Retest Period	-----
6 years	

Specification: PRD.3.ZQ5.10000007154

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.