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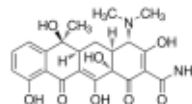
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Product Specification

Product Name:
Tetracycline - 98.0-102.0% (HPLC)

Product Number: **87128**
CAS Number: 60-54-8

Formula: C₂₂H₂₄N₂O₈ · xH₂O
Formula Weight: 444,43 g/mol
Storage Temperature: 2 - 8 °C



TEST

Specification

Appearance (Form)	Powder or Crystal
Appearance (Color)	Faint Yellow to Dark Yellow
Assay (HPLC Dry Basis)	98.0 - 102.0 %
Identification by TLC	Conforms
Loss on Drying	≤ 12.0 %
pH (1% in water)	3.0 - 7.0
Melting Point	172 - 174 °C
Recommended Retest Period 3 Years	-----

Specification: PRE.6.ZQ5.10000015191

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.