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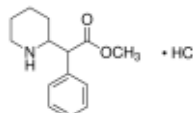
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Methylphenidate hydrochloride

Product Number: M2892
Batch Number: SLBQ7776V
Brand: SIGMA
CAS Number: 298-59-9
MDL Number: MFCD00058191
Formula: C₁₄H₁₉NO₂ · HCl
Formula Weight: 269.77 g/mol
Quality Release Date: 02 MAR 2016



Test	Specification	Result
Appearance (Color)	White to Off White	Off-White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
10 mg/mL, EtOH		
Infrared Spectrum	Conforms to Structure	Conforms
Titration	98.0 - 100.5 %	99.7 %
Purity (HPLC)	98.0 - 102.0 %	100.5 %

Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri 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.