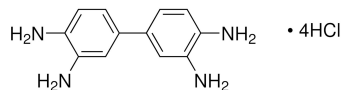


Certificate of Analysis

Product Name : 3,3'-Diaminobenzidine tetrahydrochloride tablet, 10 mg substrate per tablet
Product Number : D5905-100TAB
Batch Number : 0000410513
Source Batch : 0000389802
MDL Number : MFCD00012969
Storage Temperature : -20°C
Molecular Formula : C₁₂H₁₄N₄ · 4HCl
Formula Weight : 360.11 g/mol
Quality Release Date : 31 Dec 2024



Test	Specification	Result
Appearance (Color) Grayish pink to purple	Conforms	Conforms
Appearance (Form)	Round Tablet	Round Tablet
Diameter	3/16 inches	3/16 inches
pH	4.8 - 5.6	5.2
Dissolution Time	≤ 5 min	2 min
Solubility (Color) Yellow to amber or purple	Conforms	Conforms
Solubility (Turbidity) May contain some small insoluble particles.	Clear	Clear
Enzymatic Activity when compared to untableted substrate	85 - 115 %	99 %
Note Dissolution Time, pH, and Solubility are performed at 1 tablet + 15 mL, H ₂ O	-----	-----

Jagodige Yasomanee, Supervisor
 Quality Assurance
 St. Louis, Dekalb
 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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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