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## Product Specification

Product Name:

3,3'-Diaminobenzidine tetrahydrochloride – tablet, 10 mg substrate per tablet

Product Number:

D5905

CAS Number:

7411-49-6

MDL:

MFCD00012969

Formula:

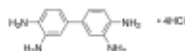
C<sub>12</sub>H<sub>14</sub>N<sub>4</sub> · 4HCl

Formula Weight:

360.11 g/mol

Storage Temperature:

-20 °C



### TEST

### Specification

Appearance (Color)

Grayish pink to purple

Conforms

Appearance (Form)

Diameter

pH

Dissolution Time

Solubility (Color)

Yellow to amber or purple

Solubility (Turbidity)

May contain some small insoluble particles.

Enzymatic Activity

when compared to untableted substrate

Note

Dissolution Time, pH, and Solubility are performed at 1 tablet + 15 mL, H<sub>2</sub>O

Round Tablet

3/16 inches

4.8 - 5.6

≤ 5 min

Conforms

Clear

85 - 115 %

Specification: PRD.5.ZQ5.10000008972

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.