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## Certificate of Analysis

**Product**

**36746 - 3,3,5,5-Tetramethyl Benzidine Dihydrochloride Hydrate (TMB.2HCl.xH<sub>2</sub>O) extrapure, 98% - [207738-08-7]**

**Batch No**

**8749857**

**Analysis Date**

08-Jan-2024

**Date of Manufacture**

January 2024

**Expiry Date/Re-Test Date**

January 2029

**Molecular Formula**

C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>.2HCl.xH<sub>2</sub>O

**Molecular Weight**

313.27 (Anhy. basis)

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to slight red	Off white
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 1% aq. solution	Clear	Clear
Assay (On dry basis)	min. 98%	98.8%
Loss on drying	max. 10.9%	7.4%

FRM/82/11/4/36746 Rev No. 1 Date 01/11/2015

Prepared by **Mayur**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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