

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	30781
<b>Lot Number</b>	001521-2022-01
<b>Product</b>	<b>3,3',5,5'-Tetramethylbenzidine dihydrochloride</b> (Tmb) dihydrochloride 3,3',5,5'-Tetramethyl-[1,1'-biphenyl]-4,4'-diamine dihydrochloride
<b>CAS Number</b>	64285-73-0
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>20</sub> N <sub>2</sub> ·2HCl
<b>Molecular Weight</b>	313.27

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear solution
<b>Heavy Metals</b>	< 5 ppm
<b>Loss on Drying</b>	0.11%
<b>Ash</b>	0.02%
<b>Purity by HPLC</b>	99.6%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager