

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	21704
<b>Lot Number</b>	001690-2022022401
<b>Product</b>	<b>3,3',5,5'-Tetramethylbenzidine dihydrochloride</b> (Tmb) dihydrochloride dihydrate
<b>CAS Number</b>	207738-08-7
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>20</sub> N <sub>2</sub> ·2HCl·2H <sub>2</sub> O
<b>Molecular Weight</b>	349.30

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<b>Appearance</b>	White to slight red powder
<b>Solubility</b>	Clear solution (1% aqueous solution)
<b>Loss on Drying</b>	10.7%
<b>Purity by HPLC</b>	98.88%
<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**