

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	37882
<b>Product</b>	<b>Fluoxetine hydrochloride</b>
<b>Lot Number</b>	002781-20211018 <i>N</i> -Methyl-3-phenyl-3-[4-(trifluoromethyl)phenoxy]propylamine
<b>CAS Number</b>	56296-78-7
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>18</sub> F <sub>3</sub> NO•HCl
<b>Molecular Weight</b>	345.79

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Clear and colorless solution in methanol
<b>Heavy Metals</b>	< 20 ppm
<b>Water Content (Karl Fisher)</b>	0.21%
<b>pH</b>	6.16
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 0.0 °
<b>Related Substances</b>	Single impurity : 0.59% Total impurity : 0.68%
<b>Residue On Ignition</b>	0.06%
<b>Assay</b>	98.5%
<b>Purity by HPLC</b>	99.32%
<b>Storage</b>	Store at RT
<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