

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	38000
<b>Lot Number</b>	002197-221202
<b>Product</b>	<b>Lomerizine dihydrochloride</b> 1-[Bis(4-fluorophenyl)methyl]-4-(2,3,4-trimethoxybenzyl)piperazine
<b>CAS Number</b>	101477-54-7
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>30</sub> F <sub>2</sub> N <sub>2</sub> O <sub>3</sub> ·2HCl
<b>Molecular Weight</b>	541.46

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<b>Appearance</b>	White or off-white crystalline powder
<b>Heavy Metals</b>	< 10 ppm
<b>Anion</b>	Fluoride content : 6.7%
<b>pH</b>	2.6
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	Absorption Coefficient : 367
<b>Loss on Drying</b>	0.2%
<b>Residual Solvents</b>	Passes test
<b>Microbial Count</b>	Passes test
<b>Related Substances</b>	Single impurity : 0.1% Total impurity : 0.2%
<b>Assay</b>	99.6% (On dry basis)
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Identification : Chlorination reaction of aqueous solution : Passes test
<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