

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38060
Product	Maprotiline hydrochloride
Lot Number	002197-221110
	9-(γ -Methylaminopropyl)-9,10-dihydro-9,10-ethanoanthracene Ludiomil hydrochloride
CAS Number	10347-81-6
Molecular Formula	C ₂₀ H ₂₃ N•HCl
Molecular Weight	313.87

Appearance	White or almost white crystalline powder
Solubility	Freely soluble in methanol and chloroform, slightly soluble in water, practically insoluble in isoocatne
Heavy Metals	< 0.001%
Loss on Drying	0.2%
Organic Volatile Impurities	Toluene : Not detected Ethyl ether : 750 ppm Ethanol : 830 ppm
Related Substances	Maprotiline acrylaldehyde analog : 0.06% Maprotiline dimer : 0.05% Desmethylmaprotiline : 0.06% D Maprotiline related compound D : 0.07% N-Methylmaprotiline : 0.06% Any individual unknown impurity : 0.05% Total impurities : 0.4%
Residue On Ignition	0.03%
Assay	99.6%
Storage	Store at 0 - 8 °C

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Remarks

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