

Chem-Impex International, Inc.

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

Certificate of Analysis

Catalogue Number	37852
Lot Number	003483-058-24
Product	(S)-Citalopram oxalate (S)-1-[3-(Dimethylamino)propyl]-1-(4-fluorophenyl)-1,3- Escitalopram oxalate
CAS Number	219861-08-2
Molecular Formula	C ₂₀ H ₂₁ N ₂ O•C ₂ H ₂ O ₄
Molecular Weight	414.43

Appearance	Off-white powder
Solubility	Freely soluble in Methanol, Dimethyl sulphoxide. Sparingly soluble in Water and Ethanol. Insoluble in heptane.
Heavy Metals	< 20 ppm
Water Content (Karl Fisher)	0.77%
Optical Rotation	[α] ²⁰ _D = 11.99 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Related Substances	Single maximum impurity : 0.03% Total impurities : 0.09%
Sulfated Ash	0.04%
Other Enantiomer	1.3%
Purity by HPLC	100% (On anhydrous basis)
Chiral Purity	98.7% (ee)
Storage	Store at 2 - 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