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Certificate of Analysis

Catalogue Number	38352
Lot Number	003483-2101-23-001
Product	Venlafaxine hydrochloride 1-[2-(Dimethylamino)-1-(4-methoxyphenyl)ethyl]cyclohexanol (+/-)-1-[2-(Dimethylamino)-1-(4-methoxyphenyl)ethyl]cyclohexanol
CAS Number	99300-78-4
Molecular Formula	C ₁₇ H ₂₇ NO ₂ •HCl
Molecular Weight	313.87

Appearance	White powder
Solubility	Freely soluble in water and in methanol, soluble in anhydrous ethanol, practically insoluble in acetone
Heavy Metals	< 20 ppm
Loss on Drying	0.36%
Residual Solvents	Dichloromethane : 116 ppm Ethyl acetate : 128 ppm Isopropanol : 101 ppm Toluene : 64 ppm
Particle Size	101.16 µm
Related Substances	Descyclohexanol venlafaxine : 0.02% Didesmethyl venlafaxine : Not detected Venlafaxine related compound A : 0.02% Deoxy venlafaxine : 0.05% Any individual unknown impurity : 0.04% Total impurities : 0.23%
Residue On Ignition	0.06%
Purity by HPLC	99.91%
Grade	Meets USP Specification
Storage	Store at 2 - 8 °C
Additional Information	Identification : Test for A : Infrared spectrum : Conforms to structure Test for B : Passes test Test for C : Chloride test : Passes test

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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