

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	37912
Lot Number	003483-230901
Product	Glimepiride
CAS Number	93479-97-1
Molecular Formula	C ₂₄ H ₃₄ N ₄ O ₅ S
Molecular Weight	490.62

Appearance	White powder
Solubility	Soluble in dimethylformamide, sparingly soluble in methylene chloride. Slightly soluble in methanol and practically insoluble in water
Water Content (Karl Fisher)	0.15%
Residual Solvents	Methanol : 455.749 ppm Acetone : 43.843 ppm Acetonitrile : Not detected Ethyl acetate : Not detected 1,4 Dioxan : 14.591 ppm Toluene : 8.521 ppm Dimethyl formamide : Not detected
Particle Size	> 90% pass through 3.251 µm
Related Substances	Limit of Cis-isomer : < 0.8% Impurity A : Nil Impurity B : < 0.05% Impurity C : Nil Impurity D : Nil Unknown impurity : < 0.05% Overall (except impurity B) : < 0.05%
Residue On Ignition	0.07%
Purity by HPLC	100.6% (Anhydrous basis)
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

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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