

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38042
Lot Number	003483-0907-23
Product	Metformin hydrochloride 1,1-Dimethylbiguanide hydrochloride Metformin hydrochloride
CAS Number	1115-70-4
Molecular Formula	C ₄ H ₁₁ N ₅ •HCl
Molecular Weight	165.63

Appearance	White crystalline powder
Solubility	Freely soluble in water, slightly soluble in ethanol (95%), practically insoluble in acetone, chloroform, dichloromethane and ether.
Heavy Metals	< 20 ppm
Loss on Drying	0.25%
Related Substances	Dicyandiamide : 0.002% Any other impurity : 0.06%
Sulfated Ash	0.05%
Assay	99.7% (On dried basis)
Storage	Store at 2 - 8 °C
Additional Information	Identification : Test for A : Infrared spectrum : Conforms to structure Test for B, C and D : Passes test
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