

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38020
Product	Levosimendan
Lot Number	002197-210309 (R)-Simendan
CAS Number	141505-33-1
Molecular Formula	C ₁₄ H ₁₂ N ₆ O
Molecular Weight	280.29

Appearance	Yellow crystalline powder
Solubility	Sparingly soluble in Methanol and Acetone, slightly soluble in Ethanol and Chloroform, Practically insoluble in water
Odor	Odorless
Heavy Metals	< 15 ppm
Water Content (Karl Fisher)	0.6%
Optical Rotation	[α] ²⁰ _D = -551.9 °
Residual Solvents	Methanol : Not detected Isopropanol : Not detected Acetone : Not detected Acetonitrile : Not detected Dioxane : Not detected
Endotoxin Test	< 20 EU/mg
Related Substances	Largest single impurity : 0.12% Total impurities : 0.28%
Residue On Ignition	0.06%
Purity by HPLC	99.76% (On dry basis)
Storage	Store at RT
Additional Information	Taste : Tasteless Solution : 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