

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32438
Product	(-)-Epinephrine (+)-bitartrate salt
Lot Number	002948-220101
	L-Adrenaline bitartrate
CAS Number	51-42-3
Molecular Formula	C ₉ H ₁₃ NO ₃ •C ₄ H ₆ O ₆
Molecular Weight	333.29
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Appearance	White crystalline powder
Melting Point	151 °C (dec.)
Optical Rotation	[α] ₂₀ /D = -51.7 °
Loss on Drying	0.2%
Residual Solvents	1106 ppm
Sulfated Ash	0.06 mg
Assay	99.7% (on dry basis)
Grade	meets USP specifications
Storage	Store at 2 - 8 °C
Additional Information	Limit of adrenalone : 0.005 Limit of norepinephrine bitartrate : Conforms
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