

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 32437
Lot Number 002948-20180302
Product **(-)-Epinephrine**

L-Adrenaline

CAS Number 51-43-4
Molecular Formula C₉H₁₃NO₃

Molecular Weight 183.21

Appearance White powder
Clarity & Color Conforms
Solubility Freely soluble in 2M hydrochloric acid & 2M sodium hydroxide solution
Melting Point 211 °C
Heavy Metals < 10 ppm
Optical Rotation [α]_D²⁰ = -51.6 °
Infrared Spectrum Conforms to structure
UV Ratios Absorptivity (1%/1cm) at λ_{max} 280 nm: 144
Loss on Drying 0.01%
Residual Solvents Methanol : < 100 ppm
Related Substances Norepinephrine : < 0.1%
Epinephrone : < 0.1%
Benzylepinephrine : < 0.1%
Benzylepinephrone : < 0.1%
Any other unknown impurity : < 0.07%
Total of all impurities : < 0.2%
Sulfated Ash 0.05%
Assay 99.5%
Grade USP
Storage Store at 2 - 8 °C

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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