

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32505
Lot Number	002920-180409
Product	(R)-(-)-Phenylephrine hydrochloride (R)-(-)-1-(3-Hydroxyphenyl)-2-methylaminoethanol hydrochloride
CAS Number	61-76-7
Molecular Formula	C ₉ H ₁₃ NO ₂ •HCl
Molecular Weight	203.67
Appearance	White or off-white crystalline powder
Anion	Chloride test : Positive Sulfate : < 0.20%
Optical Rotation	[α] ²⁰ _D = - 45.7 °
Infrared Spectrum	Conforms to structure
Loss on Drying	0.01%
Residual Solvents	Isopropanol: 0.004% Methanol: 0.013% Ethanol: 0.002%
Related Substances	Impurities C: Not detected Impurities D: 0.01% Impurities E: Not detected Unspecified impurity: 0.06% Total impurities: 0.15% Norphenylephrine: Not detected
Residue On Ignition	0.08%
Assay by titration	100.8% (On dry basis)
Grade	USP
Storage	Store at RT
Additional Information	Retention time : Correspond to the reference

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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