

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32526
Lot Number	003273-210730
Product	Synephrine tartrate 4-[1-Hydroxy-2-(methylamino)ethyl]phenol tartrate
CAS Number	16589-24-5
Molecular Formula	C ₁₈ H ₂₆ N ₂ O ₄ •C ₄ H ₆ O ₆
Molecular Weight	484.5

Appearance	White or off-white crystalline powder
Clarity & Color	Clarity of solution : Passes test
Melting Point	186.0 - 187.1 °C
Heavy Metals	< 10 ppm
Cation	Iron : < 5 ppm
pH	6.4
Optical Rotation	[α] ₂₀ /D = 13.6 °
Loss on Drying	0.04%
Residual Solvents	Ethanol : 0.004%
Related Substances	Single impurity : 0.02% Total of all impurities : 0.02%
Sulfated Ash	0.06%
Assay by titration	99.9%
Storage	Store at 2 - 8 °C
Additional Information	Identifications : A) Bromine test : Passes test B) Base MP - 182.0 - 183.4 °C C) Color test : Passes test D) Tartrate Test : Passes test Ketones : Not detected

Certificate of Analysis

Catalog Number: 32526

Lot Number: 003273-210730

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