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Certificate of Analysis

Catalogue Number	38217
Product	Rocuronium bromide
Lot Number	003239-20210401
CAS Number	119302-91-9
Molecular Formula	C ₃₂ H ₅₃ BrN ₂ O ₄
Molecular Weight	609.69

Appearance	White or almost white crystals or crystalline powder
Appearance of Solution	Conforms
Solubility	Freely soluble in water and in anhydrous ethanol
Water Content (Karl Fisher)	1.70%
pH	8.95
Optical Rotation	[α] _D ²⁰ = 30.9 °
Infrared Spectrum	Conforms to structure
Residual Solvents	Methylene chloride : 0.007% Acetone : Not detected Acetonitrile : Not detected MBTE : 0.03% Ethyl Acetate : Not detected
Endotoxin Test	8.6 EU/mg
Related Substances	Impurity A : 0.013% Impurity B : 0.024% Impurity C : Not detected Impurity F : Not detected Impurity G : Not detected Impurity H : Not detected Total impurities : 0.08% Any other impurity : 0.023%
Sulfated Ash	0.066%
Assay (anhydrous basis)	99.88%
Storage	Store at 2 - 8 °C

Certificate of Analysis

Catalog Number: 38217

Lot Number: 003239-20210401

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