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Certificate of Analysis

Catalogue Number	38247
Lot Number	002197-230423
Product	Spironolactone 4-Pregnen-21-oic acid-17a-ol-3-one-7a-thiol g-lactone 7-acetate 7a-(Acetylthio)-17a-hydroxy-3-oxopregn-4-ene-21-carboxylic acid g-lactone
CAS Number	52-01-7
Molecular Formula	C ₂₄ H ₃₂ O ₄ S
Molecular Weight	416.58

Appearance	White to off-white tan crystalline powder
Melting Point	203.6 - 208.0 °C
Optical Rotation	[α] _D ²⁰ = -43.2 °
Loss on Drying	0.12%
Particle Size	< 25 microns : 99.9%
Related Substances	Impurity A : Not detected Impurity B : 0.01% Impurity C : Not detected Impurity D : 0.03% Impurity I : 0.01% Epimer : Not detected Other single impurity : < 0.03% Total impurities : 0.09% Mercapto compounds : 0.03 mL
Purity by HPLC	99.9% (On dried basis)
Grade	Meets USP specification
Storage	Store at 0 - 8 °C
Additional Information	Identification : Test for A : Infrared spectrum : Conforms to structure Test for B : Passes test

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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