

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	37899
Lot Number	003540-20231002
Product	Fulvestrant (7a,17ß)-7-[9-[(4,4,5,5,5-Pentafluoropentyl)sulfinyl]nonyl] ICI 182780
CAS Number	129453-61-8
Molecular Formula	C ₃₂ H ₄₇ F ₅ O ₃ S
Molecular Weight	606.78

Appearance	White crystalline powder
Optical Rotation	[α] ²⁰ _D = 112.2 ° (C=20 mg/mL in Methanol)
Loss on Drying	0.06%
Related Substances	6-Keto-Fulvestrant : Not detected Δ6,7-Fulvestrant : 0.04% Fulvestrant sulfone : 0.04% Fulvestrant extended : Not detected Fulvestrant sterol dimer : Not detected Any other unknown single impurity : < 0.1% Total impurities : 0.14%
Residue On Ignition	0.03%
Assay (anhydrous basis)	99.8%
Purity by HPLC	99.9%
Grade	Meets USP specification
Storage	Store at 2 - 8 °C
Additional Information	Identification : Test for A : Infrared spectrum : Conforms to structure Test for B : Passes test Diastereoisomer ratio : Fulvestrant isomer A : 43.6% Fulvestrant isomer B : 56.4%

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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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager