

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00867
Lot Number	001237-2414
Product	5-Fluoro-2'-deoxyuridine 5-F-dU
CAS Number	50-91-9
Molecular Formula	C ₉ H ₁₁ FN ₂ O ₅
Molecular Weight	246.19

Appearance	Almost white crystalline powder Air and Light sensitive!
Melting Point	148 - 150 °C
Heavy Metals	< 1 ppm (as Pb)
Anion	Fluorides (F) : < 0.05%
Optical Rotation	[α] _D ²⁰ = 38 °
Infrared Spectrum	Conforms to structure
Loss on Drying	< 0.1% (60 °C, 20 Torr/ 3h)
Residual Solvents	Ethanol : < 2%
Related Substances	5-Fluoro-uridine : < 0.2%
Residue On Ignition	0.1%
Purity by HPLC	99.9%
Purity by UV	99%
Storage	Store at RT
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