

PRODUCT IDENTITY

PRODUCT NAME	5-Fluorouracil(5-FU)	PRODUCT NUMBER	F100149
Grades & Purity	Moligand™, ≥99%	VERSION	3
CAS NUMBER	51-21-8	FORMULA	C ₄ H ₃ FN ₂ O ₂
FORMULA WEIGHT	130.08g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(HPLC)	99-100 (%)
Loss on drying	0-0.5 (%)
Heavy metal (as Pb)	0-20 (ppm)
Sulfate Ash	0-0.1 (%)
Appearance (F100149)	White to Off-White Powder or Crystals
Carbon NMR Spectrum	Conforms to Structure
Infrared spectrum	Conforms to Structure
Solubility in 1M NH ₄ OH	Colorless to light yellow,Clear,50 mg/ml