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## CERTIFICATE OF ANALYSIS

**COMMODITY NAME:** 5'-DEOXY-5-FLUOROCYTISINE  
(CAPECITABINE)  
**CATALOGUE NO:** SRP01237c  
**CONTROL NO:** 0411011237c

ITEMS	SPECIFICATION	RESULT
APPEARANCE:	White crystalline powder	Conforms
MELTING POINT:	115.0°C – 120.0°C	117.5°C – 118.5°C
LOSS ON DRYING:	≤ 1.0%	0.6%
RESIDUAL SOLVENTS	≤ 1.0%	0.05%
ARSENICUM:	≤ 2 ppm	Conforms
RESIDUE ON IGNITION:	≤ 0.1%	0.09%
HEAVY METALS:	≤ 20 ppm	< 20 ppm
OPTICAL ROTATION (589nm):	+90° to +110°	+98°
ASSAY (UV):	98.5% - 101.5%	99.1%
ASSAY (HPLC):	>98.5%	99.5%