



SPECIFICATION

5-Iodocytidine

Product Code:	NI04748
Synonyms:	1-b-D-Ribofuranosyl-5-iodocytosine
CAS Number:	1147-23-5
Chemical Formula:	$C_9H_{12}IN_3O_5$
Molecular Weight:	369.11

TECHNICAL SPECIFICATION

Appearance:	White powder
Purity (HPLC):	min 99%
Purity (TLC):	One spot
Identity (1H NMR):	Conforms to structure
Elemental analysis (C):	$29.26 \pm 3\%$
Elemental analysis (N):	$11.38 \pm 3\%$
Elemental analysis (I):	$34.38 \pm 3\%$
Heavy metals:	max 10ppm
UV content (on dry basis) (293 nm, pH 7):	min 97%
Water content (Karl Fischer):	max 4%