

Product Specification

Product Name:

0.02 M Iodine in THF / Pyridine / Water (V / V / V = 89.6 : 0.4 : 10) PurOligo

Product No.:	PSR48562
Brand:	PureSynth
CAS No.:	Iodine: 7553-56-2 Tetrahydrofuran: 109-99-9 Pyridine: 110-86-1 Water: 7732-18-5
Molecular Formula:	Iodine: I ₂ Tetrahydrofuran: C ₄ H ₈ O Pyridine: C ₅ H ₅ N Water: H ₂ O
Molecular Weight:	Iodine: 253.81 g/mol Tetrahydrofuran: 72.11 g/mol Pyridine: 79.10 g/mol Water: 18.01 g/mol

Test	Specification
Appearance	Clear, brown solution
Iodine Content (By Titration)	0.018 – 0.022 M
Pyridine Content (By GC)	0.3 – 0.5 Vol%
Water Content (By Titration)	9.0 – 11.0 Vol%
Refractive index	1.403 - 1.406

Application: Oxidation reagent for nucleic acid synthesis.

Specification No.: PO-1.0-QA/031

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com