

Product Specification

Product Name:

Oxidizer 0.05 M Iodine in Pyridine / Water (V / V = 90 : 10) *PurOligo*

Product No.:	PSR48559
Brand:	PureSynth
CAS No.:	Pyridine: 110-86-1 Water: 7732-18-5 Iodine: 7553-56-2
Molecular Formula:	Pyridine: C ₅ H ₅ N Water: H ₂ O Iodine: I ₂
Molecular Weight:	Pyridine: 79.10 g/mol Water: 18.01 g/mol Iodine: 253.81 g/mol

Test	Specification
Appearance	Dark brown Solution
Iodine Content (By Titration)	0.045 – 0.055 M
Pyridine Content (By GC)	89.0 - 91.0 Vol%
Water Content (By Titration)	9.0 - 11.0 Vol%
Refractive index	1.497 - 1.499
Pyridine Purity	≥ 99.9 %
Iodine Purity	≥ 99.8 %

Application: High-Performance oxidation reagent for nucleic acid synthesis.

Specification No.: PO-1.0-QA/028, Ver. No. 1.1, 03.08.2026.

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