

Product Specification

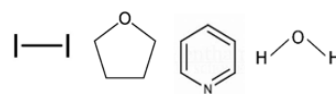
Product Name:

0.02 M Iodine in THF / Pyridine / Water (V / V / V = 70 : 20 : 10) *PurOligo*

Product No.: PSR48563
Brand: PureSynth
CAS No.: Iodine: 7553-56-2
Tetrahydrofuran: 109-99-9
Pyridine: 110-86-1
Water: 7732-18-5

Molecular Formula: Iodine: I₂
Tetrahydrofuran: C₄H₈O
Pyridine: C₅H₅N
Water: H₂O

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	Red Liquid
Iodine Content	0.015 – 0.025 M
Water Content (v/v)	9.0 - 11.0 %
Pyridine Content (v/v)	19.0 - 21.0 %
Tetrahydrofuran Content (v/v)	69.0 - 71.0 %
Tetrahydrofuran Purity	> 99.9 %
Pyridine Purity	> 99.8 %

Application: Oxidation reagent for nucleic acid synthesis.

Specification No.: PO-1.0-QA/032, Ver. No. 1.1, 18.01.2026.

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