

Certificate of Analysis

T4 DNA Ligase, 1 Weiss U/ul

Cat No : T2622

Lot No : 05102418

Exp. May. 2027

TEST	Specification	Result
Appearance	Light liquid	PASS
Blue/White Cloning Assay	Confirmed	PASS
Unit		PASS

One Weiss unit of the enzyme catalyzes the conversion of 1 nmol of [³²PPi] into Norit-adsorbable form in 20 min at 37°C (4). One Weiss unit is equivalent to approximately 200 cohesive end ligation units (CEU)*. Enzyme activity is assayed in the following mixture: 66 mM Tris-HCl (pH 7.6), 6.6 mM MgCl₂, 0.066 mM ATP, 10 mM DTT, 3.3 μM [³²PPi].

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