

L-Tryptophan white crystals or crystalline powder



This amino acid is suitable for use in tissue culture systems requiring additives.

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Catalogue No BPE395-100	Quantity 100g
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M.W. 204.23

Product specification

Assay	98.5% to 100.5%
Specific rotation $[\alpha]_D^{25}$ (c=1, H ₂ O)	-30° to -33°
State of solution	≥95.0% transmittance
Ammonium	≤0.02%
Heavy metals (as Pb)	≤10ppm
Arsenic	≤1ppm
Other amino acids	Chromatographically not detectable
Loss on drying at 105°C	≤0.20%
Residue on ignition (sulfated)	≤0.10%

Tth CAS 56-81-5

Safety	28, 37, 45	EINECS	200-289-5
First aid	Std.		
Spillage	F		
Disposal	1		

Tth 111 I source: *Thermus thermophilus* 111



Digestion of dsDNA.

32 **NEW**

Tth 111 I restriction enzyme digests dsDNA with sequence indicated below.
GACN'N NGTC
CTGN N'NCAG

Catalogue No BPE3444-1	Quantity 500 units
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Concentration: 8 to 12units/μL
Isoschizomers: *Asp I*, *PfFI*, *Psy I*
Heat inactivated: -
Storage buffer: 10mM Tris-HCl (pH7.4), 300mM KCl, 0.1mM EDTA, 1mM DTT, 0.5mg/mL BSA and 50% glycerol
Produces an ambiguous single-base extension which is difficult to ligate. Exhibits <10% activity at 37°C.

Tween® 20 CAS 9005-64-5

First aid	Std.
Fire	C, P, F
Spillage	P, H
Disposal	9, 19

TWEEN® 20 (Polysorbate 20, Polyoxyethylene-20-sorbitan monolaurate)



Used in the isolation of water-soluble membrane proteins.

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Catalogue No BPE337-100 BPE337-500	Quantity 100mL 500mL
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M.W. 1227.54

Product specification

Hydroxyl number	96 to 108
Water	≤3.0%
Residue after ignition	≤0.25%
Arsenic	≤0.0003%
Lead	≤0.0005%
Copper	≤0.0005%

Tween® 80 CAS 9005-65-6

First aid	Std.
Fire	C, P, F
Spillage	P, H
Disposal	9, 19

TWEEN® 80 (Polysorbate 80, Polyoxyethylene-20-sorbitan monooleate)



Used in the isolation of water-soluble membrane proteins.

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Catalogue No BPE338-500	Quantity 500mL
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M.W. 1309.68

Product specification

Hydroxyl number	65 to 80
Water	≤3.0%
Residue after ignition	≤0.25%
Arsenic	≤0.0001%
Lead	≤0.0005%
Copper	≤0.0005%

L-Tyrosine CAS 60-18-4



Risk	36/37/38	EINECS	200-460-4
Safety	26, 37/39		
First aid	Std.		
Fire	C, P, F		
Spillage	K, H		
Disposal	9, 19		