

TMB, For Molecular Biology

MB122


Product Identifier

CAS No.	:	54827-17-7
EC No.	:	259-364-6
Molecular Formula	:	C ₁₆ H ₂₀ N ₂
Molecular Weight	:	240.34
Synonym	:	3,3',5,5'-Tetramethylbenzidine
HS Code	:	2921 59 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to beige crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of ethyl acetate (clear to slightly hazy)
DNases	:	None detected
RNases	:	None detected
FTIR	:	Matches with the standard pattern
Melting range	:	166 - 172°C
Assay (GC/NT)	:	99.00 - 102.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	DV2300000
WGK	:	1