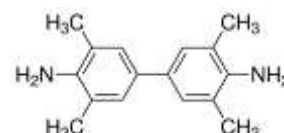


3,3',5,5'-TETRAMETHYLBENZIDINE FOR MOLECULAR BIOLOGY

PRODUCT CODE	988900
SYNONYMS	TMB
C.I. NO.	--
CASR NO.	54827-17-7
ATOMIC OR MOLECULAR FORMULA	C₁₆H₂₀N₂
ATOMIC OR MOLECULAR WEIGHT	240.34
PROPERTIES	Store below 30°C



PARAMETER	LIMIT
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Description	White to beige crystals or crystalline powder.
Solubility	1% solution in acetone is clear.
Minimum assay (GC/NT)	99.00%
Melting range	166-172°C
DNase, RNase	None detected

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

IMDG Code : --

UN No. : --

IATA :--

Hazard Pictogram(s) : -



GHS07

Replace date 23-Apr-2026