



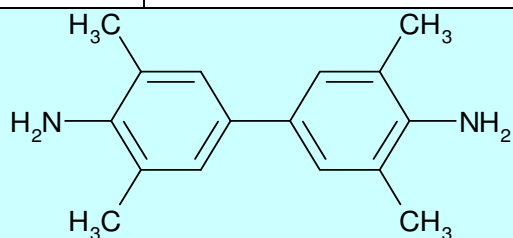
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Quality Control Dept.



C Product Specification

E Control	QC2\DATAD\D:\PS\24049XPS.xls
PRODUCT CODE	24049
PRODUCT NAME	3,3',5,5'-TETRAMETHYL BENZIDEINE AR (Reagent for detection of blood)
SYNONYMS	(TMB)
C.I. NO.	--
CASR NO.	(54827-17-7)
ATOMIC OR MOLECULAR FORMULA	C ₁₆ H ₂₀ N ₂
ATOMIC OR MOLECULAR WEIGHT	240.34
PROPERTIES	--



PARAMETER	LIMIT
Description	White to light yellow/beige powder.
Solubility	1% solution in acetone is clear.
Identification (By FTIR)	Conforms.
Minimum Assay (Non-aqueous)	99.00%
Melting point	166 – 170 °C
Loss on drying (at 105 °C, 2 hrs.)	Max. 0.5%

MAXIMUM LIMIT OF IMPURITIES

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

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

IMDG Code :--

UN No. :--

IATA :--

Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :--

Prepared By :	Checked By:	Approved By:	Issue Date : 25.04.2006
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

