

TMB 051 – 2-MERCAPTOETHANOL

REF NO: TBL/QA/SS/LC/TMB 051	STANDARD SPECIFICATION FOR 2 MERCAPTOETHANOL	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: TMB 051

PRODUCT PROPERTIES

C.A.S Number	60-24-2
Chemical Formula	C ₂ H ₆ OS
Formula weight	78.13
Functional Uses	2-Mercaptoethanol is used in the protein extraction buffer prepared and is also used for leaf samples as a supplement in cell culture media.
Standard Packaging	100 ml. & 500 ml.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless liquid

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Boiling Point	154 – 158°C
D 20/4	1.114 – 1.116
Ash	NMT – 0.01%
Water (KF)	NMT – 0.5%
DNases/RNases/ Proteases	None detected
Assay	NLT – 98.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

