

Product Name:	Monothioglycerol		
Grade:	USP-NF (United state pharmacopoeia)	CASR No.:	[96-27-5]
Specification No.:	125.S.NF	Molecular formula:	C ₃ H ₈ O ₂ S
Rev.No.	00	Molecular wt.:	108.16
Product Code	125	Effective date:	----

CHARACTER:

Description: A colourless to pale yellow, viscous liquid; odour resembling that of sulphides; hygroscopic.

Solubility/ Miscibility: Soluble in water.

Tests:

Sr. No.	Tests	Specification	Reference
1.	Assay (Calculated on the anhydrous basis)	NLT 97.0% and NMT 101.0%	USP-NF
2.	Residue on ignition	NMT 0.1%	USP-NF
3.	Selenium	30 µg/g	USP-NF
4.	Specific gravity	1.241-1.250	USP-NF
5.	Refractive index	1.521-1.526	USP-NF
6.	pH (in 1 in 10 sample solution)	3.5-7.0	USP-NF
7.	Water determination	NMT 5.0%	USP-NF

Packaging and storage: Store protected from light and moisture.

Revision History:

Sr. No.	Revision No.	Remarks /CC No.
1.	00	New specification.

	Name	Designation	Sign & Date
Prepared By			
Reviewed By			
Approved By			