

Product Name:	N,N-Dimethyl Sulphoxide		
Grade:	AR (Analytical Reagent)	CASR No.:	[67-68-5]
Specification No.:	113.S.AR	Molecular formula:	C ₂ H ₆ OS
Rev.No.	00	Molecular wt.:	78.13
Product Code	113	Effective date:	-----

CHARACTERS:

Description: A clear colourless liquid.

Solubility/Miscibility: Soluble in water.

Tests:

Sr.No.	Tests	Specification	Reference
1.	Assay (By GC)	NLT 99.9%	In-house
2.	Relative density at 20°C	1.100 to 1.104	In-house
3.	Refractive index at 20°C ± 0.5°C	1478 – 1.479	In-house
4.	Titration acid	NMT 0.001 meq/g	In-house
5.	Residue after evaporation	NMT 0.01%	
6.	Substance discoloured by sulphuric acid	Passes test	In-house
7.	Water	NMT 0.1%	In-house

Storage:

- Stored in segregated, well ventilated and approved area.
- Keep container tightly closed, away from heat.

Revision History:

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

	Name	Designation	Sign/Date
Prepared By	Preyal Panchal	Sr.Executive-QC	
Reviewed By	Piyush Satvara	Technical Director	
Approved By	Piyush Satvara	Technical Director	