

FINISHED GOODS SPECIFICATION

Department: Quality Control		Location:	All Units	Specification No.	LC/AU/QC/FGS/S097/04
Specification: SULPHURIC ACID LR					Product Code: S097
Issue date	11/09/2025	Effective date	14/09/2025	Review date	10/09/2028
Version No.:	04	Supersedes	11/09/2023	Page 1 of 2	

PRODUCT DETAILS

1	Molecular Formula	H ₂ SO ₄
2	Product code	S097
3	Molecular weight	98.07
4	CAS No	7664-93-9
5	Hazard Statement	H290, H314
6	Precautionary Statement	P234 - P280 - P303 + P361 + P353 - P304 + P340 + P310 - P305 + P351 + P338 - P363
7	UN No.	UN1830

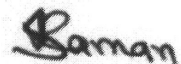


PACKING DETAILS

	Product code	Pack size
1	S09730	500 mL
2	S09732	2.5 L

PRODUCT SPECIFICATION

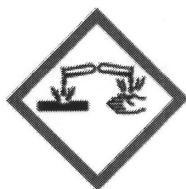
SL. No.	TEST PARAMETERS	LIMITS
1	Description	A clear, colourless hygroscopic viscous liquid.
2	Assay	Not less than 98.0%
3	Specific gravity at 25°C	About 1.84 g
4	Residue on ignition (as SO ₄)	Not more than 0.002%
5	Chloride (Cl)	Not more than 0.00002%
6	Nitrate (NO ₃)	Not more than 0.00002%
7	Ammonium (NH ₄)	Not more than 0.0002%
8	Arsenic (As)	Not more than 0.000001%
9	Copper (Cu)	Not more than 0.00001%
10	Heavy metals (as Pb)	Not more than 0.00001%
11	Iron (Fe)	Not more than 0.00002%
12	Selenium (Se)	Not more than 0.001%
13	Substances reducing permanganate	Not more than 0.0001%

	Prepared by	Checked by	Approved by
Name	Latha	M.Vijayababu	S. Venkataraman
Signature			
Date	11/09/2025	11/09/2025	11/09/2025

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SAFETY SYMBOLS



Corrosive

	Prepared by	Checked by	Approved by
Name	Latha	M. Vijayababu	S. Venkataraman
Signature			
Date	11/09/2025	11/09/2025	11/09/2025