



SWAPNROOP DRUGS & PHARMACEUTICALS

Address: Plot No:D-187/16, Five Star Shendra MIDC, Shendra,
Aurangabad-431154, Maharashtra, India.

Call/ WhatsApp: +91-8767062101 Email: enquiry@sdp.org.in
website: www.sdp.org.in

CERTIFICATE OF ANALYSIS

Product Name	Alpha lipoic acid	CAS No:	1077-28-7
Batch No:	2605001	Manufactured by	-
Date of Mfg.	MAY-2026	Date of Analysis	20/05/2026
Batch Quantity	-	Date of Retest	APR2031

Sr. No	Test	Acceptance Criteria	Results
1.	Description	Slightly yellow granules	Complies
2.	Identification		
	By IR	Meet the requirements	Complies
	By HPLC	Meet the requirements	Complies
3.	Assay	99.0%-101.0% (calculated on the dried basis)	99.32%
4.	Odor & Taste	Organoleptic	Complies
5.	Tapped Density	0.50-0.6g/cm ³	0.52g/ cm ³
6.	Loose Density	0.45-0.55g/cm ³	0.46g/cm ³
7.	Residue on Ignition	≤0.1%	0.05%
8.	Specific Rotation	-0.1°~+1.0°	0°
9.	Melting point	60°C-62°C	61.5°C
10.	Loss on drying	<0.2%	0.05%
11.	Related Substances		
	6,8-epitrithiooctanoic acid	NMT 0.1%	Complies
	Total Impurity	NMT 0.5%	0.08%
	Max Individual Impurity	NMT 0.1%	0.07%
12.	Polymeric Lipoic acid	NMT 1.0%	Complies
13.	Residual Solvent		
	Cyclohexane	NMT 5ppm	Not detected
	Ethyl Acetate	NMT 5ppm	Not detected
	Toluene	≤ 5PPM	Not detected
	Ethanol	2000ppm	Not detected
14.	Heavy Metals	10ppm	<10ppm



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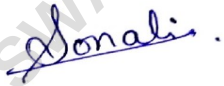
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15.	Cd (cadmium)	<1ppm	<1ppm
16.	As (Arsenic)	<1ppm	<1ppm
17.	Pb (lead)	<3ppm	<3ppm
18.	Hg (Mercury)	<0.1ppm	<0.1ppm
19.	Microbiological Control		
	Total Plate Count	≤ 1000 cfu/gm	<10 cfu/g
	Yeast & Mold	≤100 cfu /gm	<10 cfu/g
	E. coli.	Negative	Not detected
	Salmonella	Negative	Not detected
	Staphylococcus Aureus	Negative	Not detected

Storage: Store in air tight container below room Temperature

Conclusion: Product Complies as per above Specifications

Prepared By	Checked by	Approved By
Sonali Nirmal 	Dadarao kakde 	Nayna Nehete 
Date: 23/05/2026	Date: 23/05/2026	Date: 23/05/2026

