CERTIFICATE OF ANALYSIS

Name of product:	**R-Alpha Lipoic Acid**			**NPN**	**80131279**
Packaging Lot # :	**M2500548/1**	**Master Packaging Record #**		**Expiry Date :**	**08/2028**
		MPR	**MA-N279-60-V0**		
Manufacturing Lot # :	**M2500548**	**Master Manufacturing Record #:**		**MFG Date:**	**09/2025**
		MMR	**MA-N279-V0**		
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.				
Physical Description:	Off White Color powder in clear Veggie "2" capsules.		60 count in Bottle-150 cc-38/400 White HDPE Round with Cap-38-400 white HIS P/P,ribbed,plain liner.		

Physical Tests:

			Specifications				
TESTES	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Average Wt. of Capsules	317		297	330	363	mg	USP <2091>
Wt. variation of Capsules	confirms		Conforms as per USP weight variation +/- 10 %				USP <2091>
Odour & Taste	confirms		Characteristic, Conforms to Standard				Visual, Olfactory
Disintegration	04 min		NMT 30			min	USP <2040>
IDENTITY	confirms		Conforms to standard				FTIR
Quantity / Potency :	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
By Qualitative Analysis							
R-Alpha Lipoic Acid	104.08	mg	90.00	100.00	125.00	mg	JPL-134 HPLC
NON-MEDICINAL INGREDIENTS	Microcrystalline Cellulose 101, Empty Clear Vegetable Capsule Size "2"						

Purity:

MICRO:	**Results**	**Limits**	**Method**
Total Plate Count	50 c.f.u / g	< 3,000 c.f.u / g	USP <2021/2022>
Total Yeast	<10 c.f.u / g	< 300 c.f.u / g	USP <2021/2022>
Total Mold	<10 c.f.u / g	< 300 c.f.u / g	USP <2021/2022>
E.Coli	Not Detected	Not Detected	USP <2021/2022>
Salmonella Spp	Not Detected	Not Detected	USP <2021/2022>
Staphylococcus Aureus	Not Detected	Not Detected	USP <2021/2022>
HEAVY METALS:	**Results**	**Limits - 2 capsules / day**	**Method**
Arsenic	<0.0001 mcg / kg b.w/day	< 0.14 mcg / kg b.w./day	ICP-MS
Cadmium	<0.0001 mcg / kg b.w/day	< 0.09 mcg / kg b.w./day	ICP-MS
Lead	0.0006 mcg / kg b.w/day	< 0.14 mcg / kg b.w./day	ICP-MS
Total Mercury	<0.0001 mcg / kg b.w/day	< 0.29 mcg / kg b.w./day	ICP-MS

Prepared by: M. Pradeep Mar/16/2026

Approved by: Bhargava.R Mar/16/2026

Quality Assurance