CERTIFICATE OF ANALYSIS

LEVOCARNITINE (L-CARNITINE BASE) USP

BATCH NUMBER	DY01722500016	**MANUFACTURE DATE**	Jan.8.2025
BATCH SIZE	1000kg	**TEST DATE OF APPLICATION**	Jan.9.2025
QUANTITY	40Cartons	**RETEST DATE**	Jan.7.2028

	Analysis Items	Specifications	Analysis Results
1.	Characteristics	White crystals or crystalline powder, hygroscopic	White crystalline powder, hygroscopic
2.	Identification	IR Absorption: the spectrum obtained with the substance to be examined correspond with the spectrum obtained with the RS. HPLC:Complied	Complied Complied
3.	Acidity or Alkalinity (pH)	5.5 ~ 9.5	7.5
4.	Assay (anhydrous substance)	97.0% ~ 103.0%	99.8%
5.	Water Content	≤4.0%	0.07%
6.	Enantiomeric purity	D-carnitine≤0.2%	0.07%
7.	Potassium	≤0.2%	0.0039%
8.	Sodium	≤0.1%	0.00089%
9.	Residue on Ignition	≤0.5%	0.04%
10.	Chloride	≤0.4%	< 0.4%

We, **Northeast Pharmaceutical Group Co., Ltd.**, certify that this batch of **LEVOCARNITINE (L-CARNITINE BASE)** meets the requirements of **USP (Official as of 1-Dec-2021)** .