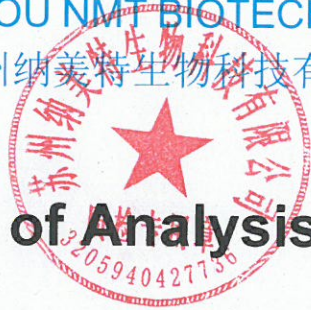


SUZHOU NMT BIOTECH CO.,LTD

苏州纳美特生物科技有限公司



Certificate of Analysis (检测报告)

Product	DL-Lysine Monohydrochloride (DL-赖氨酸盐酸盐)		
CAS No.	70-53-1	Manu. Date (生产日)	Jul. 23, 2024
Batch No. (批次)	20240723	Expiry Date (到期日)	Jul. 22, 2026
数量(Quantity)	1000kg	Test Date (检测日)	Jul. 26, 2024
检验标准(Quality standard)	企业标准(Enterprise standard)		

TEST ITEM	SPECIFICATION	RESULTS
Appearance(性状)	White crystals or crystalline powder (白色或结晶性粉末)	Corresponding (符合)
Identification (检测方法)	Retention time of HPLC	Corresponding (符合)
Specific rotation $[\alpha]_D^{20}$ (比旋度)	-0.5° ~ +0.5°	Corresponding (符合)
State of solution (透光度)	$\geq 95.0\%$	99%
Chloride (氯化物)	19.0~19.6%	19.4%
Loss on drying (干燥失重)	$\leq 0.4\%$	0.25%
Residue on ignition (灼烧残渣)	$\leq 0.2\%$	0.12
Heavy metals (重金属)	$\leq 10\text{ppm}$	Corresponding (符合)
Arsenic (砷)	$\leq 2\text{ppm}$	Corresponding (符合)
Assay (含量)	$\geq 98.0\%$	99.28%

Conclusion: Conform to the Enterprise Standards.

Analyst: 

[Signature]

Supervisor: 

[Signature]