

CERTIFICATE OF ANALYSIS

L-LYSINE HYDROCHLORIDE

File No.:FYSH-ZK-080-A

Batch No.:LYS1-2307-S0004

Manufacture Date: Jul. 17, 2023

Expiry Date: Jul. 16, 2025

Quality Standard: GB 34466-2017

Quantity: 50.00MTS

Test Date: Jul. 18, 2023

Test Result: PASS

ITEMS	LIMIT	RESULT
Appearance	White or light brown powder and granule	Light brown powder and granule
L-Lysine Hydrochloride (Dry Basis),%	≥ 98.5	98.7
L-Lysine (Dry Basis),%	≥ 78.8	79.0
Specific Rotation $[\alpha]^{20}_D$	+18.0°~+21.50°	+19.3°
Loss on Drying,%	≤ 1.0	0.6
Crude Ash,%	≤ 0.3	0.1
Ammonium (NH ₄ ⁺),%	≤ 0.04	0.04
Heavy Metal (Pb),mg/kg	≤ 10	5
Arsenic(AS),mg/kg	≤ 1	0.5

Inspector: Chengyu Zhao

Verified: Xiaomei Song

Audited: Xiaofen Han

Made under the supervision of the QC Department.

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