

Certificate of Analysis

L-LYSINE MONOHYDROCHLORIDE FEED GRADE

Synonyms: Lysine Hydrochloride; L-Lysine Hydrochloride

Molecular Formula: $C_6H_{14}N_2O_2HCI$ C.A.S Reg. No. [657-27-2] Lot No.: JH040804

Manufacturing date: December 15, 2004

ITEMS	SPECIFICATIONS	RESULTS
Appearance	A white or light brown granule powder, odorless or light characteristic odor	Passes
Content (dry basis)	≥ 98.5%	98.63%
Specific Rotation	+18.0° - + 21.5°	+20.14°
Loss on Drying	≤ 1.0%	0.27%
Residue on Ignition	≤ 0.3%	0.15%
Ammonium Salt	≤ 0.04%	0.0017%
Heavy Metals (as pb)	≤ 0.003%	Passes
Arsenic	≤ 0.0002%	Passes

Note: The above information is based on Certificate of Analysis provided by our supplier and is not intended as a substitute for the strict quality control analysis by the purchaser of this product.