



CERTIFICATE OF ANALYSIS

L-LYSINE HYDROCHLORIDE

SYNONYMS	: N/A	MOLECULAR FORMULA	: C ₆ H ₁₄ N ₂ O ₂ • HCl
PRODUCT CODE (SKU)	: 41200052-1	MOLECULAR WEIGHT	: 182.65
PRODUCT SIZE	: 100 g	STORAGE TEMP.	: RT
CAS NUMBER	: 657-27-2	REASSAY/ EXP DATE	: 10/2019
LOT NUMBER	: V17050800		

PROPERTIES	SPECIFICATIONS	TEST RESULTS
Appearance:	Solid Powder	PASS
Color:	White	PASS
Assay:	98.5%-101.5%	99.5%
Bulk density:	0.53-0.61 g/mL	0.57 g/mL
pH:	5-6	5.7
Loss on drying:	<= 0.2%	0.19%
Residue on ignition:	<= 0.1%	0.06%
Arsenic:	<= 1 ppm	< 1 ppm
Chloride:	19-19.6%	19.3%
Sulfate:	<= 0.03%	< 0.03%
Iron:	<= 30 ppm	< 30 ppm
Heavy metals:	<= 15 ppm	< 15 ppm
Lead:	<= 0.1 ppm	<= 0.1 ppm
Specific Rotation:	+20.4-+21.4	+20.9
Total Plate Count:	<= 1000 cfu/g	< 15 cfu/g
Yeast & Mold:	<= 100 cfu/g	< 10 cfu/g
E. Coli:	Negative	Negative
Salmonella:	Negative	Negative

APPROVED BY:

DATE:
09-06-2017

Kayleigh Humphries
Quality Assurance

CREATION DATE: 09-06-2017 PRINT DATE: 07-26-2018

The above information is based upon data received from our supplier or our quality control measurements.



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