

Department: Quality Control

Document No: LCPL/QSD/QAD/11

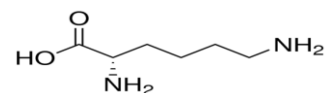
SOP No.: SOP/QC/11-L017

SPECIFICATION : L-LYSINE MONOHYDROCHLORIDE LR

Issue date	16/04/2018	Review date	15/04/2023	Location	Dobaspet
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PRODUCT DETAILS

1	Molecular Formula	$H_2N(CH_2)_4CH(NH_2)CO_2H \cdot HCl$
2	Product code	L017
3	Molecular weight	182.65
4	CAS No	657-27-2
5	Risk Statement No	---
6	Safety Statement No	24/25
7	UN No.	---



• HCl

PACKING DETAILS

	Product code	Pack size
1	L01707	100g
2	L01710	500g
	L01711	1Kg

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

1	Description
2	Assay
3	Specific optical rotation 25/D C=8 (In HCL)
4	Chloride content
5	Sulphate (SO ₄)
6	Iron (Fe)
7	Heavy metal (as Pb)
8	Loss on drying (at 105°C) 3hrs
9	Residue on ignition

LIMITS

A white crystalline powder.
Not less than 99.0%
Between +20.4° and +21.4°
Between 19.0% and 19.6%
Not more than 0.03%
Not more than 0.003%
Not more than 0.0015%
Not more than 0.4%
Not more than 0.1%

SAFETY SYMBOLS