

## SPECIFICATION

CultureSureR L-Lysine Hydrochloride, Animal-derived-free  
for Cell Culture

REQUIREMENT	SPECIFICATION
Description	White powder
Identification (1)	to pass test
Identification (2)	to pass test
Optical rotation [ $\alpha$ ]D <sub>20</sub> (after drying)	+19.0~+21.5°
pH	5.0~6.0
Purity	-
(1) Clarity and color of solution	to pass test
(2) Sulfates	max.0.028%
(3) Ammonium	max.0.02%
(4) Heavy metals	max.10ppm
(5) Arsenic	max.2ppm
(6) Related substances	to pass test
Loss on drying	max.1.0%
Residue on ignition	max.0.1%
Assay (after drying)	min.98.5%
Bacterial endotoxins	less than 10.0EU/g
Mycoplasma test	to pass test
Viable count test	max.50CFU/g