SPECIFICATION

CultureSureR L-Glutamine, Animal-derived-free

for Cell Culture

	REQUIREMENT	SPECIFICATION
	Description	White crystals or crystalline powder
	Identification	to pass test
	Optical rotation [α]D20 (after drying)	+6.3~+7.3°
	рН	4.5~6.0
	Purity	-
(1)	Clarity and color of solution	to pass test
(2)	Chloride	max.0.021%
(3)	Sulfates	max.0.028%
(4)	Ammonium	max.0.1%
(5)	Heavy metals	max.10ppm
(6)	Iron	max.10ppm
(7)	Related substances	to pass test
	Loss on drying	max.0.3%
	Residue on ignition	max.0.1%
	Assay (after drying)	99.0~101.0%
	Bacterial endotoxins	under investigation
	Mycoplasma test	to pass test
	Viable count test	max.50CFU/g