

## SPECIFICATION

CultureSureR (+)-Biotin, Animal-derived-free  
for Cell Culture

REQUIREMENT	SPECIFICATION
Description	White crystals or crystalline powder
Identification	to pass test
Optical rotation [ $\alpha$ ]D20 (after drying)	+89~+93°
Purity	-
(1) Clarity and color of solution	to pass test
(2) Heavy metals	max.10ppm
(3) Arsenic	max.2.8ppm
(4) Related substances	to pass test
Loss on drying	max.0.5%
Residue on ignition	max.0.1%
Assay (after drying)	98.5%~101.0%
Bacterial endotoxins	less than 100EU/g
Mycoplasma test	to pass test
Viable count test	max.100CFU/g