

## SPECIFICATION

CultureSureR Thiamin Hydrochloride, Animal-derived-free  
for Cell Culture

REQUIREMENT	SPECIFICATION
Description	White crystals or crystalline powder
Identification (1)	to pass test
Identification (2)	to pass test
Identification (3)	to pass test
Identification (4)	to pass test
pH	2.7~3.4
Purity	-
(1) Clarity and color of solution	to pass test
(2) Sulfate	max.0.011%
(3) Nitrate	to pass test
(4) Heavy metals	max.20ppm
(5) Related substances	to pass test
Water	max.5.0%
Residue on ignition	max.0.2%
Assay (HPLC) (calculated on the dehydrous basis)	min.98.5%
Bacterial endotoxins	less than 200EU/g
Mycoplasma test	to pass test
Viable count test	max.50CFU/g