

SPECIFICATION

CultureSureR myo-Inositol, Animal-derived-free
for Cell Culture

REQUIREMENT	SPECIFICATION
Description	White crystals or crystalline powder
Identification	to pass test
Transmittance (420nm)	min.98.0%
Melting point	223~227°C
Purity	-
(1) Clarity and color of solution	to pass test
(2) Chloride	max.0.005%
(3) Sulfates	max.0.006%
(4) Heavy metals	max.25ppm
(5) Iron	max.5ppm
(6) Calcium	to pass test
(7) Substances reducing Fehling's solution	to pass test
Loss on drying	max.0.5%
Residue on ignition	max.0.1%
Assay (HPLC) (after drying)	min.98.0%
Bacterial endotoxins	less than 25EU/g
Mycoplasma test	to pass test
Viable count test	max.50CFU/g