

SPECIFICATION

CultureSureR D(+)-Maltose Monohydrate
for Cell Culture

REQUIREMENT	SPECIFICATION
Description	White crystals or crystalline powder
Identification (1)	to pass test
Identification (2)	to pass test
Optical rotation [α]D20 (after drying)	+129.0~+131.0°
pH	min.4.0
Purity	-
(1) Clarity and color of solution	to pass test
(2) Heavy metals (as Pb)	max.5ppm
(3) Iron (as Fe)	max.5ppm
(4) Dextrin and starch	to pass test
(5) Nitrogen	max.0.005%
Loss on drying	max.0.50%
Residue on ignition	max.0.05%
Assay (HPLC)	min.95.0%
Bacterial endotoxins	less than 3.1EU/g
Mycoplasma test	to pass test
Viable count test	max.50CFU/g