

## SPECIFICATION

CultureSureR Monosodium L-Glutamate Monohydrate  
for Cell Culture

REQUIREMENT	SPECIFICATION
Description	Colorless ~ white, prisms or crystalline powder
Identification	to pass test
Specific rotation [ $\alpha$ ]D20	+24.8~+25.3°
pH	6.7~7.2
Purity	-
(1) Clarity and color of solution	to pass test
(2) Chloride	not more than 0.041% as Cl
(3) Lead	not more than 1 $\mu$ g/g as Pb
(4) Arsenic	not more than 1.9 $\mu$ g/g as As
Loss on drying	not more than 0.5%
Assay (calculated on the dried basis)	not less than 99.0%
Bacterial endotoxins	less than 25.0EU/g
Mycoplasma test	to pass test
Viable count test	under investigation