

Code No.03-2441

SPECIFICATION

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

| REQUIREMENT | SPECIFICATION |
|--|--------------------|
| Description | White powder |
| Identification (1) | to pass test |
| Identification (2) | to pass test |
| Optical rotation [α]D20 (calculated on the dried basis) | +25.0~+28.5° |
| Purity | - |
| (1) Heavy metals | max.20ppm |
| (2) Related substances | to pass test |
| (3) Alkaloids | to pass test |
| Loss on drying | max.5.0% |
| Assay (HPLC) (calculated on the dried basis) | 98.0~102.0% |
| Bacterial endotoxins | less than 50.0EU/g |
| Mycoplasma test | to pass test |
| Viable count test | max.100CFU/g |