

SPECIFICATION

Calcium Gluconate

for the Japanese Pharmacopoeia General Tests (for Thin-Layer Chromatography)

REQUIREMENT	SPECIFICATION
Description (JP method)	White crystalline powder or shot
Identification (JP method)	to pass test
Optical rotation [α]D ₂₀ (JP method)	+6~+11°
pH (JP method)	6.0~8.0
Purity (JP method)	-
(1) Clarity and color of solution	to pass test
(2) Chloride	max.0.071%
(3) Sulfate	max.0.048%
(4) Heavy metals	max.20ppm
(5) Arsenic	max.3.3ppm
(6) Sucrose and reducing sugars	to pass test
Loss on drying (JP method)	max.1.0%
Assay (after drying) (JP method)	99.0~104.0%