

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Calcium lactate pentahydrate**
Specifications & Purity: **USP grade**
SKU #: **C110506**

Parameter	Limit Values
Lead (Pb)	0-0.00003 (%)
Heavy metals	0-0.001 (%)
Loss on drying(120°C,2h)	22-27 (%)
Calcium lactate content(dry basis)	98-101 (%)
granularity:75 ~ 425 µm	90-100 (%)
pH	6-8
Magnesium alkali salt	0-1 (%)
granularity: ≤500 µm	98-100 (%)
Sulfate(SO ₄ ²⁻)	0-0.02 (%)
Fluoride (F ⁻)	0-0.0015 (%)
Iron(Fe)	0-0.0025 (%)
Chloride (Cl ⁻)	0-0.004 (%)
Calcium(Ca)	13.1-14.5 (%)
Appearance (C110506)	White to Off-White Powder or Solid or Chunks
Appearance (solution)	passes test
Barium(Ba)	passes test
differentiate	Show calcium salt and lactic acid salt reaction
Free acid and free alkali	passes test
Volatile fatty acids	passes test
volatile organic substances	pass
(As)Arsenic	0-0.0002 (%)