

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

## 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 (%)
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 <sub>4</sub> <sup>2-</sup> )	0-0.02 (%)
Fluoride (F <sup>-</sup> )	0-0.0015 (%)
Iron(Fe)	0-0.0025 (%)
Chloride (Cl <sup>-</sup> )	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 (%)
Loss on drying(120°C,4h)	22-27 (%)

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