

PREMIUM INGREDIENT CO.,LTD

Product: Calcium Stearate

Molecular formula: $\text{Ca}(\text{C}_{17}\text{H}_{35}\text{COO})_2$

Molecular weight: 606

CAS No.: 1592-23-0

Testing item	Testing standard	
Specification	USP35-NF30	BP2013
appearance	white or almost white fine powder; insoluble in water and ethyl alcohol	white or almost white fine powder; insoluble in water and ethyl alcohol
identification	meet the specification	meet the specification
alkali and alkali metal salt	/	meet the specification
content(in calcium oxide), %	9.0-10.5	/
content(in calcium), %	/	6.4-7.4
chloride, %	/	≤0.1
sulfate, %	/	≤0.3
loss on drying, %	≤4.0	≤6.0
heavy metal, ppm	≤10	/
nickel, ppm	/	≤5
lead, ppm	/	≤10
cadmium, ppm	/	≤3
freezing point, °C	≥54	≥53
acid value	/	195-210
stearic acid content, %	/	≥40
stearic acid&palmitic acid content, %	/	≥90