



آنالیز کلسیم پروپیونات 2

IDENTIFICATION	Result
Solubility (Vol. 4)	Freely soluble in water, soluble in ethanol
Test for calcium (Vol. 4)	Passes test
Test for propionate	Warm the sample with sulfuric acid. The propionic acid evolved may be recognized by its odour.
Test for alkali salt of organic acid	Ignite the sample at a relatively low temperature. The alkaline organic acid residue effervesces with acid.
PURITY	
Loss on drying (Vol. 4)	Not more than 4% (105o, 2 h)
pH (Vol. 4)	7.5 - 10.5 (1 in 10 soln)
Water insoluble matter	Not more than 0.3%
Fluoride (Vol. 4)	Not more than 30 mg/kg
Iron (Vol. 4)	Not more than 50 mg/kg
Lead (Vol. 4)	Not more than 5 mg/kg

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