

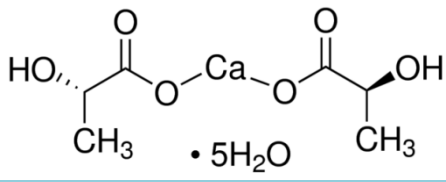


Product Specification

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CALCIUM LACTATE FOR SOIL TEST MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, Ph. Eur.

PRODUCT CODE	027604
SYNONYMS	--
C.I. NO.	--
CASR NO.	5743-47-5
ATOMIC OR MOLECULAR FORMULA	C₆H₁₀CaO₆·5H₂O
ATOMIC OR MOLECULAR WEIGHT	308.30
PROPERTIES	—



PARAMETER	LIMIT
Description	White granules or powder. Odourless.
Solubility	3% Solution in water is clear and colourless.
Identification	Passes tests.
Apperance of solution	Passes test.
Assay(Complexometric; on dried material)	98.0 - 102.0%

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 120°C)	22 – 27%
Acidity (as lactic acid)	0.45%
Alkalinity	Passes test.
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.04%
Arsenic (As)	0.0002%
Barium (Ba)	Passes test.
Iron (Fe)	0.005%
Heavy metals (as Pb)	0.001%
Magnesium & alkali salts	1.0%
Reducing sugars	Passes test.
Organic volatile impurities	Meets the requirement.
Volatile fatty acids	Passes test.

Note(s) : 1) Assay (if applicable) method mentioned.

WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ---- Response: ---- Disposal: ---- Hazard Pictogram(s) :----	IMDG Code : UN No. : IATA :
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