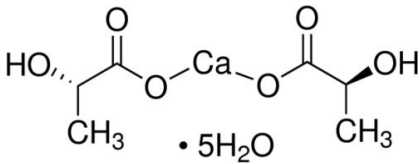




## CALCIUM LACTATE FOR SOIL TEST

MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, Ph. Eur.

<b>PRODUCT CODE</b>	<b>R05903</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	5743-47-5	
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_6H_{10}CaO_6 \cdot 5H_2O$	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	308.30	
<b>PROPERTIES</b>	—	
<b>PARAMETER</b>	<b>LIMIT</b>	
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%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Loss on drying (at 120°C)	22 – 27%	
Acidity (as lactic acid)	0.45%	
Alkalinity	Passes test.	
Chloride (Cl)	0.02%	
Sulphate (SO <sub>4</sub> )	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.	
<b>Note(s) : 1) Assay (if applicable) method mentioned.</b>		
<b>WARNING</b>		
<b>Hazard statements:</b> Not hazardous. No hazards.		IMDG Code :
<b>Precautionary statements</b>		UN No. :
<b>Prevention:</b> ----		IATA :
<b>Response:</b> ----		
<b>Disposal:</b> -----		
<b>Hazard Pictogram(s) :----</b>		

Replace Date 1 April 2023

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