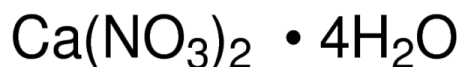
	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: DB/SOP/QC/11-C006	
SPECIFICATION : CALCIUM NITRATE TETRAHYDRATE LR					
Issue date	26/03/2018	Review date	25/03/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

PRODUCT DETAILS

1	Molecular Formula	$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
2	Product code	C006
3	Molecular weight	236.15
4	CAS No	13477-34-4
5	Risk Statement No	36-8
6	Safety Statement No	17-26-39
7	UN No.	UN1454



PACKING DETAILS

	Product code	Pack size
1	C00610	500g
2	C00613	5Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Colourless, deliquescent crystals.
2	Clarity	10% solution in water is clear and colourless.
3	Assay	Not less than 98.0%
4	pH (5% aqueous solution)	Between 4.0 and 7.0
5	Chloride (Cl)	Not more than 0.005%
6	Sulphate (SO_4)	Not more than 0.02%
7	Heavy metals (as Pb)	Not more than 0.005%
8	Iron (Fe)	Not more than 0.001%
9	Magnesium (Mg)	Not more than 0.05%

SAFETY SYMBOLS



Corrosive



Harmful / Irritant