



Specification for Calcium Nitrate, Tetrahydrate, Crystal, Reagent, ACS (C1135)

Item Number	C1135
Item	Calcium Nitrate, Tetrahydrate, Crystal, Reagent, ACS
CAS Number	13477-34-4
Molecular Formula	$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
Molecular Weight	236.15
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY [$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$]	99.0 - 103.0 %	
pH OF A 5% SOLUTION @ 25°C	5.0 - 7.0	
INSOLUBLE MATTER		0.005 %
CHLORIDE (Cl)		0.005 %
NITRITE (NO_2)		0.001 %
SULFATE (SO_4)		0.002 %
BARIUM (Ba)		0.005 %
HEAVY METALS (as Pb)		5 ppm
IRON (Fe)		5 ppm
MAGNESIUM (Mg)		0.05 %
POTASSIUM (K)		0.005 %
SODIUM (Na)		0.01 %
STRONTIUM (Sr)		0.05 %

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