

# SYSTEM

## Certificate Of Analysis

PRODUCT NAME : Calcium Nitrate, *tetrahydrate*, ChemAR®  
CATALOGUE NUMBER : CA121-30  
FORMULA : Ca(NO<sub>3</sub>)<sub>2</sub>·4H<sub>2</sub>O  
MOLECULAR WEIGHT : 236.15  
CAS. NUMBER : [13477-34-4]  
BATCH NO. : 141215L212034  
EXPIRY DATE : Dec./2018

	<u>Specification</u>	<u>Batch Value</u>	
Assay (complexometry)	min.99.0 %	99.5	%
Insoluble matter in water	max.0.003 %	0.003	%
pH(5%,water)	5.0-----7.0	pass	
Chloride(Cl)	max.0.002 %	<0.001	%
Phosphate(PO <sub>4</sub> )	max.0.001 %	<0.001	%
Sulfate(SO <sub>4</sub> )	max.0.002 %	<0.0002	%
Barium(Ba)	max.0.005 %	<0.003	%
Copper(Cu)	max.0.0002 %	<0.0002	%
Iron(Fe)	max.0.0005 %	<0.0005	%
Lead(Pb)	max.0.0002 %	<0.0002	%
Magnesium(Mg)	max.0.01 %	<0.01	%
Potassium(K)	max.0.005 %	<0.005	%
Sodium(Na)	max.0.01 %	<0.01	%
Strontium(Sr)	max.0.01 %	<0.01	%

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