



Bio Basic Inc.

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CERTIFICATE OF ANALYSIS

Product	Calcium nitrate, tetrahydrate
Grade	ACS
Product Code	CB0258
Formula	$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
MW	236.15
CAS#	13477-34-4
Lot No	

Test Items	Specifications	Results
Appearance	White crystalline	
Purity	99.0-103.0%	
pH of a 5% Solution	5.0-7.0 at 25°C	
Insoluble Matter	$\leq 0.005\%$	
Chloride (Cl)	$\leq 0.005\%$	
Nitrite (NO_2)	$\leq 0.001\%$	
Sulfate (SO_4)	$\leq 0.002\%$	
Barium (Ba)	$\leq 0.005\%$	
Heavy metals (as Pb)	≤ 5 ppm	
Iron (Fe)	≤ 5 ppm	
Magnesium (Mg)	$\leq 0.05\%$	
Potassium (K)	$\leq 0.005\%$	
Sodium (Na)	$\leq 0.01\%$	
Strontium (Sr)	$\leq 0.05\%$	

Storage: R.T.

OF 21 Rev 2015

20 Konrad Cres. Markham Ontario L3R 8T4 Canada
Tel: (905) 474 4493, (800) 313 7224 Fax: (905) 474 5794
Email: order@biobasic.com Web: www.biobasic.com