



**ChemPure\* Brand  
Chemicals**

Product Code: CP-M2294D  
Lot #: 2013041214

## Certificate Of Analysis

Chemical Name: **Sodium Bicarbonate**  
Powder, ACS

Chemical Formula:  $\text{NaHCO}_3$

...Pure Quality

F.W.: 84.0100  
CAS: 144-55-8  
Density: 1.0000 kg/L

Analytical Results		
Item	Specifications	Analysis
Chloride (Cl)	0.003% max.	0.0008%
Heavy Metals (as Pb)	5 ppm max.	3 ppm
Ammonium (NH <sub>4</sub> )	5 ppm max.	4 ppm
Insoluble Matter	0.015% max.	0.005%
Iron (Fe)	0.001% max.	0.0006%
Magnesium (Mg)	0.005% max.	0.002%
Phosphate (PO <sub>4</sub> )	0.001% max.	0.0008%
Potassium (K)	0.005% max.	0.0025%
Sulfur compounds (as SO <sub>4</sub> )	0.003% max.	0.0006%
Assay (NaHCO <sub>3</sub> ) dried basis	99.7-100.3%	100.0%
Calcium (Ca)	0.02% max.	0.007%

Remarks:

It is certified that the above copy is a true copy of the actual lot analysis.

  
Matthew Taylor  
Laboratory Manager

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