



**ChemPure\* Brand  
Chemicals**

Product Code: 484000-90000

Lot #: 2012092753

## Certificate Of Analysis

...Pure Quality

Chemical Name: **Sodium Bicarbonate**

Powder, ACS

Chemical Formula: NaHCO<sub>3</sub>

F.W.: 84.0100

CAS: 144-55-8

Density: 1.0000 kg/L

Analytical Results		
Item	Specifications	Analysis
Chloride (Cl)	0.003% max.	0.0009%
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.	0.0005%
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.

Shawn Chadwick  
Technical Director