Product Specification

Sodium Bicarbonate, as $NaHCO_3$ (minimum)	9.00%
Sodium as Na (wt%)	7
Loss on drying (maximum)	
Chloride, as Cl^- (max)	
Bulk Density (lb/ft3) (min)	5.00
Sulfur Compounds, as $SO4^{--}$ (max)	
Heavy Metals (max)	5 ppm (internal)
Lead (Pb) (max)	2 ppm (internal)
Arsenic (max)	2 ppm (internal)
Ammonia	
Organic Volatile Impurities	
Iron (Fe) (max)	
Nickel (max)	
Ca (max)	
Cd	
Co (max)	
Cr	
Cu	
Hg	
K (max)	
Insolubles (max)	
Flowability	

Particle Size Distribution		% Cumulative Retained		
Spec #1 (current)		Min	Max	Typical
+ 80 Mesh	180 µm			28.6
+ 100 Mesh	150 µm			36.4
+140 Mesh	106 µm			51.2
+ 170 Mesh	90 µm			58.9
+ 200 Mesh	75 µm	20	60	66.8
+ 325 Mesh	45 µm	60	100	83.7
- 325 Mesh	<45 µm			16.3

Spec #2 (Desired)		Minimum	Maximum
+ XXX Mesh	350 µm	100	

CARBONFREE™	Product Name:	**Sodium Bicarbonate Solid – Feed Grade**
Carbonfree Chemicals 11839 Nacogdoches Rd., Bldg #1 San Antonio, TX 78217	Specification/ Revision	**CSM-MKTG-SPC-07-04 Revision 00**