

## TECHNICAL DATA SHEET SODIUM BICARBONATE

Chemical formula:	$\text{NaHCO}_3$
Molecular weight:	84
Grade:	Sodium bicarbonate standard grade CAS: 144-55-8 EINECS: 205-633-8
Appearance:	White fine crystalline hygroscopic powder
Colour of 5% solution:	clear and colourless

Chemical Analysis	Specification	Typical Analysis
Assay in %	$\geq 99.0$	99.46
$\text{Na}_2\text{CO}_3$ in %	$\leq 1$	0.47

  

Particle size	Specification	Typical Analysis
Cumulative fraction retained at 180 $\mu\text{m}$ in %	$\leq 15$	5
Cumulative fraction retained at 45 $\mu\text{m}$ in %	$\geq 30$	56
Bulk density in $\text{kg/m}^3$	$\geq 800$	963