

Specification

Technical Data Sheet

CAS 144-55-8	STORAGE Ambient	MOLECULAR WEIGHT 84.00661
-------------------------------	----------------------------------	--

PRODUCT**Sodium hydrogen carbonate (Sodium bicarbonate) ACS Grade**

Product number	90027857
CAS number	144-55-8
Molecular formula	NaHCO ₃
Molecular weight	84.00661 g/mol

PARAMETER	SPECIFICATION
Appearance	White crystalline powder
Assay	99.0% min
Grade	ACS grade
Heavy metals	5mg/kg max
Loss on Drying	0.25% max
Carbonate (CO₃(2-))	0.23% max
Chloride (Cl-)	150mg/kg max
Iron (Fe)	20mg/kg max
pH (5% solution)	8.6 max
Ammonium (NH₄)	20mg/kg max
Arsenic (As)	20mg/kg max
Calcium (Ca)	100mg/kg max
Lead (Pb)	2mg/kg max
Sulphates (SO₄)(2-)	150mg/kg max

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

Reg No 6879903 VAT GB 744 9721 05