

Certificate of Analysis

Sodium Bicarbonate

ACS Reagent

Product No.:	JS0274
Batch No.:	JKP0223KJ7
CAS No.:	144-55-8
Formula:	NaHCO ₃
Molecular Weight:	84.01
Quality Release Date:	23/Feb/2026
Recommended Retest Date:	22/Feb/2029
Storage At:	RT

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Content	≥99.5%	99.6%
PH (50g/L, 25°C)	≤8.6	8.35
Clarity test	Qualified	Conforms
Water-insoluble substance	≤0.01%	0.0065%
Chloride	≤0.002%	0.0013%
Sulfate (SO ₄)	≤0.005%	0.003%
Iron (Fe)	≤0.001%	0.0007%
Phosphate and silicate (as SiO ₂)	≤0.005%	0.004%
Magnesium (Mg)	≤0.003%	Conforms
Potassium (K)	≤0.01%	Conforms

TEST	SPECIFICATION	RESULT
Calcium (Ca)	≤0.007%	Conforms
Heavy metals (as Pb)	≤0.001%	Conforms
Total Nitrogen (N)	≤0.001%	Conforms

Clara Chen, Manager

Quality Control

Hongkong, China

JSENB(HK) warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. For further inquiries, please contact Technical Service or authorized agent according to the batch bar number of the out-of-box list of the product department. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.