



Certificate of Analysis

Product	64079 - Sodium Carbonate Anhydrous ACS, 99.9% - [497-19-8]	
Batch No	9453356	
Analysis Date	17-Apr-2025	
Date of Manufacture	April 2025	
Expiry Date/Re-Test Date	April 2030	
Molecular Formula	Na ₂ CO ₃	
Molecular Weight	105.99	
Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Hygroscopic powder	Hygroscopic powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (by Neutralization)	min. 99.9% (dry compound)	99.9%
Loss on drying	max. 1% (285°C 15 min)	0.1%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Silicate (SiO ₂)	max. 0.005%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Potassium (K)	max. 0.005%	Passes
Calcium (Ca)	max. 0.03%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Acid insoluble matter	max. 0.01%	0.01%