



Certificate of Analysis

Sodium Carbonate FCC

Catalog Number: SC1002
Lot Number: 0925404
CAS Number: 5968-11-6
Molecular Formula: $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$
Molecular Weight: 124.00
Storage: 15°C – 30°C
Date of Manufacture: December 1, 2013
Retest Date: November 30, 2018

Test	Specification	Result
Appearance	White crystalline	Conforms
Assay	99.5 – 100.5%	100.15%
Identification		
Sodium	To meet requirements	Conforms
Carbonate	To meet requirements	Conforms
Solubility	Freely soluble in water	Conforms
Moisture	12.0 – 15.0%	14.6%
Bicarbonate	≤ 0.6%	< 0.6%
Free Alkali	≤ 0.17%	0.04%
Halides	≤ 0.30%	< 0.30%
Iron	≤ 0.002%	< 0.002%
Lead	≤ 4ppm	< 4ppm
Reaction to ammoniacal silver nitrate	To meet requirements	Conforms
Residual Solvents	To meet requirements	Conforms

Approved by:

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