



Certificate of Analysis

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Product Name: Sodium carbonate monohydrate - ACS
Product Number: S10471
Lot Number: C23PD117A
CAS: 5968-11-6
Formula: $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$
Molecular Weight: 124
Storage at: 室温
Quality Release Date: 2023-09-19
Recommended retested date: 2027-09-18

Test	Specification	Result
Appearance	White powder	White powder
Loss on Drying	13 - 15%	13.48%
Insoluble matter	$\leq 0.01\%$	$< 0.01\%$
Chloride	$\leq 0.001\%$	$< 0.001\%$
Heavy Metals	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Potassium (K)	$\leq 0.005\%$	$< 0.005\%$
Phosphate	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Sulfur compounds	$\leq 0.004\%$	$< 0.004\%$
Silica	$\leq 0.005\%$	$< 0.005\%$
Iron (Fe)	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Magnesium (Mg)	$\leq 0.005\%$	$< 0.005\%$
Calcium (Ca)	$\leq 0.03\%$	$< 0.03\%$
Purity(Titration by HCL)	$\geq 99.5\%$	100.8%
X-Ray Diffraction	Conforms to Structure	Conforms

Q.A.Manager:

Psaitong warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Psaitong. For further inquiries, please contact Technical Service. 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.