

# Certificate of Analysis

product name: Sodium carbonate monohydrate  
product number: 106386  
CAS Number: 5968-11-6  
batch: 1154642 2017  
Formula:  $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$

## batch values

Assay ( $\text{Na}_2\text{CO}_3$ )	83.0 - 87.5	%
Assay (acidimetric; calculated on dried substance)	99.5 - 100.5	%
Identity	passes test	
Appearance of solution	passes test	
Alkali hydroxides and Alkali hydrogen carbonates	passes test	
Chloride (Cl)	$\leq 0.0125$	%
Sulfate ( $\text{SO}_4$ )	$\leq 0.0250$	%
As (Arsenic)	$\leq 0.0003$	%
Fe (Iron)	$\leq 0.0050$	%
Hg (Mercury)	$\leq 0.0001$	%
Pb (Lead)	$\leq 0.0002$	%
Residual solvents (ICH Q3C)	excluded by manufacturing process	
Loss on drying (300 °C)	12.0 - 15.0	%

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