

# Certificate of Analysis

product name: Sodium carbonate  
product number: 106392  
CAS Number: 497-19-8  
batch: 1154642 2016  
Formula:  $\text{Na}_2\text{CO}_3$

## batch values

|  |               |   |
|--|---------------|---|
| Assay (acidimetric; calculated on dried substance) | $\geq 99.9$   | % |
| Chloride (Cl)                                      | $\leq 0.002$  | % |
| Phosphate ( $\text{PO}_4$ )                        | $\leq 0.001$  | % |
| Silicate (as $\text{SiO}_2$ )                      | $\leq 0.002$  | % |
| Total sulfur (as $\text{SO}_4$ )                   | $\leq 0.005$  | % |
| Total nitrogen (N)                                 | $\leq 0.001$  | % |
| Heavy metals (as Pb)                               | $\leq 0.0005$ | % |
| Al (Aluminium)                                     | $\leq 0.001$  | % |
| Ca (Calcium)                                       | $\leq 0.005$  | % |
| Fe (Iron)  | $\leq 0.0005$ | % |
| K (Potassium)                                      | $\leq 0.01$   | % |
| Mg (Magnesium)                                     | $\leq 0.0005$ | % |
| Loss on drying (300 °C)                            | $\leq 1.0$    | % |

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