



SCM Group Pty Ltd  
Change Happens Constantly

## Soda Ash Light Standard Certificate of Analysis

**Country of Origin: Russia**  
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**Commodity: Soda Ash Light**  
**Chemical Formula: Na<sub>2</sub>CO<sub>3</sub>**  
**Grade: B**  
**Date of Manufacture: 01.10.2016**  
**CAS No: 497-19-8**

| Indicator  | Standard              | Test Results |
|--|-----------------------|--------------|
| Appearance   | White Powder          | Correspond   |
| Mass fraction of sodium carbonate (Na <sub>2</sub> CO <sub>3</sub> ), %, min                                     | 99,0                  | 99,5         |
| Loss of weight after calcination (at 270-300 C), %, max  | 0,8                   | 0,3          |
| Mass fraction of chlorides in terms of NaCl, %, max  | 0,5                   | 0,5          |
| Mass fraction of sodium carbonate in (Na <sub>2</sub> CO <sub>3</sub> ) in terms of uncalcinated product, %, min | 98,2                  | 99,2         |
| Mass fraction of iron in terms of Fe <sub>2</sub> O <sub>3</sub> , %, max  | 0,003                 | 0,002        |
| Mass fraction of substances insoluble in Water, %, max   | 0,04                  | 0,01         |
| Mass fraction of sulphates in terms of Na <sub>2</sub> SO <sub>4</sub> , %, max                                  | 0,05                  | 0,01         |
| Bulk Density for Soda Ash Light is appr.   | 0,5 g/cm <sub>3</sub> |              |