

### **Dense and light Soda Ash Chemical Specification**

| No | Characteristics                                   | Rang   |
|----|---------------------------------------------------|--------|
| 1  | Alkalinity (as Na <sub>2</sub> CO <sub>3</sub> )% | ≥99.2  |
| 2  | Chloride in term of NaCL %                        | ≤0.4   |
| 3  | Iron content %                                    | ≤0.002 |
| 4  | Insolubility in water %                           | ≤0.1   |
| 5  | Na <sub>2</sub> O % (if it's need) %              | ≥58    |

### **Dense and light Soda Ash Physical Specification**

| No | Characteristics                           | Range     |
|----|-------------------------------------------|-----------|
| 1  | Bulk Density (Dense ), gr/cm <sup>3</sup> | 0.85-1.1  |
| 2  | Bulk Density (Light ), gr/cm <sup>3</sup> | 0.55-0.65 |
| 2  | <b>Dense Granular</b>                     |           |
|    | Mesh No.                                  | %         |
|    | ≤20                                       | Max 10    |
|    | (20~30]                                   | Max 25    |
|    | (30~100]                                  | Min 60    |
|    | (100~140]                                 | Max 7     |
|    | >140                                      | Max 3     |