



TECHNICAL DATA SHEET

Caustic Soda Liquid

Note: Sodium hydroxide (NaOH) is solid flakes in white color that also known as caustic soda. NaOH is an inorganic compound. It is an ionic compound consisting of sodium. Furthermore it is a highly caustic base and alkali, which decomposes proteins at ordinary ambient temperatures and may cause severe chemical burns.

| No | REQUIREMENT | UNIT | SPECIFICATION |
|----|--|-----------|--|
| 1 | NaOH (%W) | ISIRI 364 | Min 48 |
| 2 | NaCl (%W) | ISIRI 364 | Max 0.02 |
| 3 | Na ₂ CO ₃ (%W) | ISIRI 364 | Max 0.3 |
| 4 | Fe (mg/kg) | ISIRI 364 | Max 7 |
| 5 | Na ₂ SO ₄ (%W) | ISIRI 364 | Max 0.004 |
| 6 | SiO ₂ (%W) | ISIRI 364 | Max 0.005 |
| 7 | Al ₂ O ₃ (%W) | ISIRI 364 | Max 10 |
| 8 | As ₂ O ₃ (mg/kg) | ISIRI 364 | Max 0.25 |
| 9 | Heavy metals as Pb (mg/kg) | ISIRI 364 | Max 10 |
| 10 | Hg (mg/kg) | ISIRI 364 | Max 0.1 |
| 11 | Insoluble in water (%W) | ISIRI 364 | 0 |
| 12 | Appearance | ISIRI 364 | Colorless, clear, free of sediment and suspended particles |