

## SPECIFICATION

### Sodium Thiomethoxide

| Parameters        | Specification                                         |
|-------------------|-------------------------------------------------------|
| Appearance        | White solid                                           |
| Molecular Formula | CH <sub>3</sub> NaS                                   |
| Molecular Weight  | 70.09 g/mol                                           |
| Boiling Point     | 198 °C                                                |
| Melting Point     | 78 °C                                                 |
| Flash Point       | 130 °C                                                |
| Purity            | 98–99%                                                |
| Refractive Index  | 1.46                                                  |
| Solubility        | Soluble in water; soluble in ethanol                  |
| Uses              | Reagent in organic synthesis;<br>thiolate nucleophile |