

## SPECIFICATION

### 5-Bromo 5-Nitropropane-1, 3-Dioxane

| Parameters        | Specification                                                                    |
|-------------------|----------------------------------------------------------------------------------|
| CAS Number        | 30007-47-7                                                                       |
| Appearance        | White solid                                                                      |
| Molecular Formula | C <sub>4</sub> H <sub>6</sub> BrNO <sub>4</sub>                                  |
| Molecular Weight  | 213.93 g/mol                                                                     |
| Boiling Point     | 230 °C                                                                           |
| Melting Point     | 60 °C                                                                            |
| Flash Point       | 110 °C                                                                           |
| Purity            | 98-99%                                                                           |
| Refractive Index  | 1.46                                                                             |
| Solubility        | Insoluble in water; soluble in organic solvents (e.g., dichloromethane, acetone) |
| Uses              | Chemical intermediate for synthesis                                              |