

## SPECIFICATION

### Para Nitro Toluene Ortho Sulfonic Acid

| Parameters        | Specification                                              |
|-------------------|------------------------------------------------------------|
| CAS Number        | 0121-03-9                                                  |
| Appearance        | White crystalline solid                                    |
| Molecular Formula | C <sub>7</sub> H <sub>7</sub> NO <sub>5</sub> S            |
| Molecular Weight  | 217.18 g/mol                                               |
| Boiling Point     | 280.0 °C                                                   |
| Melting Point     | 86.0 °C                                                    |
| Flash Point       | 126.0 °C                                                   |
| Purity            | 98–99%                                                     |
| Refractive Index  | 1.63                                                       |
| Solubility        | Soluble in water and organic solvents                      |
| Uses              | Intermediates for dyes, pharmaceuticals, and agrochemicals |