

## Technical Data Sheet

**Item Name:** 2-Bromo-2-Nitro-1,3-propanediol (Bronopol)

**CAS #:** 52-51-7

### Typical Physical and Chemical Properties:

| <b>Attribute</b>                     | <b>Typical Value</b>        |
|--------------------------------------|-----------------------------|
| Appearance                           | White or off White Crystals |
| Assay                                | 99.0-101.0%                 |
| PH, 1% Aq. Solution                  | 5.0-7.0                     |
| Melting Point, °C                    | 123-131                     |
| Water, %                             | ≤0.5                        |
| Ash, %                               | ≤0.1                        |
| 2-Methyl-2-nitropropane-1,3-dial, %  | ≤0.5                        |
| Tris-(hydroxymethyl)-nitromethane, % | ≤0.5                        |
| Other Impurities, %                  | ≤0.1                        |