

## PRODUCT IDENTITY

|                 |                     |                |                                    |
|-----------------|---------------------|----------------|------------------------------------|
| PRODUCT NAME    | 3-Bromobenzonitrile | PRODUCT NUMBER | B103597                            |
| Grades & Purity | ≥98%                | VERSION        | 3                                  |
| CAS NUMBER      | 6952-59-6           | FORMULA        | BrC <sub>6</sub> H <sub>4</sub> CN |
| FORMULA WEIGHT  | 182.02g/mol         |                |                                    |

## ACCEPTANCE CRITERIA

| PARAMETER                                        | SPECIFICATION / LIMIT                            |
|--------------------------------------------------|--------------------------------------------------|
| Melting point                                    | 37-41 (°C)                                       |
| Purity(GC)                                       | 98-100 (%)                                       |
| Purity(O2 AgNO3 titration with after combustion) | 97.5-102.5 (%)                                   |
| Appearance (B103597)                             | White to off-white powder, needles and/or Chunks |
| Infrared spectrum                                | Conforms to Structure                            |
| Solubility in MeOH                               | almost transparency                              |