

## PRODUCT IDENTITY

|                 |                                    |                |                                                  |
|-----------------|------------------------------------|----------------|--------------------------------------------------|
| PRODUCT NAME    | Boron trifluoride diethyl etherate | PRODUCT NUMBER | B431395                                          |
| Grades & Purity | for synthesis                      | VERSION        | 3                                                |
| CAS NUMBER      | 109-63-7                           | FORMULA        | C <sub>4</sub> H <sub>10</sub> BF <sub>3</sub> O |
| FORMULA WEIGHT  | 141.93g/mol                        |                |                                                  |

## ACCEPTANCE CRITERIA

| PARAMETER                                       | SPECIFICATION / LIMIT                                                        |
|-------------------------------------------------|------------------------------------------------------------------------------|
| Appearance(B431395)                             | Colorless to Very Dark Yellow and Colorless to Very Dark Brown-Yellow Liquid |
| Infrared spectrum                               | Conforms to Structure                                                        |
| Purity (% BF <sub>3</sub> ) (Titration by NaOH) | 46-51 (%)                                                                    |