

## PRODUCT IDENTITY

|                 |                          |                |                                                                   |
|-----------------|--------------------------|----------------|-------------------------------------------------------------------|
| PRODUCT NAME    | 2,3-Dimethylbenzaldehyde | PRODUCT NUMBER | D122616                                                           |
| Grades & Purity | ≥97%                     | VERSION        | 3                                                                 |
| CAS NUMBER      | 5779-93-1                | FORMULA        | (CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> CHO |
| FORMULA WEIGHT  | 134.18g/mol              |                |                                                                   |

## ACCEPTANCE CRITERIA

| PARAMETER                           | SPECIFICATION / LIMIT            |
|-------------------------------------|----------------------------------|
| Purity (Titration by Hydroxylamine) | 96.5-103.5 (%)                   |
| Density (20°C)                      | 1.035-1.04                       |
| Purity(GC)                          | 97-100 (%)                       |
| Refractive index n <sub>20</sub> /D | 1.551-1.555                      |
| Appearance (D122616)                | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            |