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## Ehrlich's reagent, Hi-AR<sup>™</sup>

**GRM1452**

### Product Identifier

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|                   |   |   |
|-------------------|---|---|
| CAS No.           | : | 100-10-7  |
| EC No.            | : | 202-819-0                                       |
| Molecular Formula | : | C <sub>9</sub> H <sub>11</sub> NO               |
| Molecular Weight  | : | 149.19  |
| Synonym           | : | p-Dimethylaminobenzaldehyde, Hi-AR <sup>™</sup> |
| HS Code           | : | 2922 39 00                                      |
| Storage           | : | Below 30°C                                      |
| Shelf life        | : | 4 years   |

### Technical Specification

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|               |   |  |
|---------------|---|--|
| Appearance    | : | White to beige to green crystals or powder |
| Solubility    | : | 33.3 mg soluble in 1 mL of alcohol         |
| FTIR          | : | Matches with the standard pattern          |
| Melting range | : | 70 - 75°C                                  |
| Chloride (Cl) | : | <= 0.005%                                  |
| Iron (Fe)     | : | <= 0.0005%                                 |
| Assay (GC/NT) | : | 99.00 - 103.00%                            |

### Safety Information

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|               |   |                     |
|---------------|---|---------------------|
| UN No.        | : | Not dangerous goods |
| Class         | : | -                   |
| Packing Group | : | -                   |
| RTECS         | : | CU5775000           |
| WGK           | : | 1                   |