

## Product Data Sheet

### Acetonitrile HPLC Grade

**Product No.** GB-CHEM-00481  
**Volume.** 2.5 L

| TEST                          | Specification                   |
|-------------------------------|---------------------------------|
| Appearance (Color)            | Colorless                       |
| Appearance (Form) UV          | Liquid                          |
| Absorbance 400nm UV           | ≤ 0.0044                        |
| Absorbance 250nm UV           | ≤ 0.0044                        |
| Absorbance 235nm UV           | ≤ 0.0044                        |
| Absorbance 228nm UV           | ≤ 0.005                         |
| Absorbance 200nm UV           | ≤ 0.02                          |
| Absorbance 195nm              | ≤ 0.10                          |
| Purity (GC)                   | ≤ 99.90 %                       |
| GC                            | ≤ 10 ng/L as Heptachlor Epoxide |
| Water (by Karl Fischer)       | ≤ 0.01 %                        |
| Residue on Evaporation        | ≤ 0.0002 %                      |
| Fluorescence 365nm            | ≤ 0.5 ppb                       |
| As Quinine Fluorescence 254nm | ≤ 0.5 ppb                       |
| As Quinine Alkalinity         | ≤ 0.0001 %                      |
| As NH <sub>3</sub>            |                                 |
| Free Acid (as Acetic Acid)    | ≤ 0.001 %                       |
| HPLC Absorbance 210 nm        | ≤ 1 mAU                         |
| HPLC Absorbance 254 nm        | ≤ 0.2 mAU                       |
| HPLC Absorbance 254 nm        | ≤ 0.2                           |

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