

## Product Specification

|                   |                                               |
|-------------------|-----------------------------------------------|
| Product Name      | Acetonitrile, for HPLC, gradient grade, 99.9% |
| Glentham Code     | GS2389                                        |
| CAS Number        | 75-05-8                                       |
| EINECS            | 200-835-2                                     |
| MDL-Nummer        | MFCD00001878                                  |
| Molecular Weight  | 41.05                                         |
| Molecular Formula | C <sub>2</sub> H <sub>3</sub> N               |
| Storage Temp.     | +20°C                                         |



| Property               | Specification            |
|------------------------|--------------------------|
| Physical Description   | Clear, colourless liquid |
| UV Transmission        | 190nm: ≥ 18%             |
|                        | 193nm: ≥ 50%             |
|                        | 197nm: ≥ 80%             |
|                        | 215nm: ≥ 95%             |
|                        | 230 - 400 nm: ≥ 99%      |
| Water                  | ≤ 0.005%                 |
| Acidity                | ≤ 0.0005meq/g            |
| Alkalinity             | ≤ 0.00006meq/g           |
| Residue on Evaporation | ≤ 0.0001%                |
| Assay                  | ≥ 99.9%                  |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.0       |
| Date Created          | - 2018-09-29 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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