



# Acetic acid glacial

Synonyms:

**CH<sub>3</sub>COOH**

**Classification**

**Danger**

Molecular weight

**60.05** ONU

**2789**



CAS

**64-19-7** Transport hazard class:

**8**

EEC-N:

**200-580-7** Packing

**II**

**Acetic acid glacial**

**> RS - For LC/MS**

**Special Grade**

|                                  |                         |      |
|----------------------------------|-------------------------|------|
| Description                      | Clear colourless liquid | -    |
| Colour                           | <= 10                   | APHA |
| Refractive index at 20°C         | 1.3711 - 1.3731         | -    |
| Density at 20°C                  | 1.0501 - 1.0521         | -    |
| Boiling point                    | 118.3 - 118.8           | °C   |
| Water (K.F.)                     | <= 0.1                  | %    |
| Subs. reducing KMnO <sub>4</sub> | Conform                 | -    |



|                                                                                 |         |     |
|---------------------------------------------------------------------------------|---------|-----|
| Substances Reducing Dichromate (K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> ) | Conform | -   |
| Residue on evaporation                                                          | ≤ 5     | ppm |
| Assay (GC)                                                                      | ≥ 99.95 | %   |
| UV Transmittance                                                                | -       | -   |
| at 254 nm                                                                       | ≥ 30    | %   |
| at 260 nm                                                                       | ≥ 80    | %   |
| at 270 nm                                                                       | ≥ 95    | %   |
| at 280 nm                                                                       | ≥ 97    | %   |
| Al                                                                              | ≤ 0.05  | ppm |
| LC-MS Gradient suitability                                                      | Conform | -   |
| (tested as 0.1% soln. in methanol)                                              | -       | -   |
| at 254 nm                                                                       | ≤ 10    | mAU |
| Sensitive Impurities (reserpine)                                                | < 50    | ppb |
| Metals content                                                                  | -       | -   |
| Fe                                                                              | ≤ 0.2   | ppm |
| Na                                                                              | ≤ 0.5   | ppm |
| Ca                                                                              | ≤ 0.1   | ppm |
| Mg                                                                              | ≤ 0.1   | ppm |
| K                                                                               | ≤ 0.1   | ppm |

| ID                  | Size       | Packaging     |
|---------------------|------------|---------------|
| 0000000000000401414 | 1 l        | Glass bottle  |
| 0000000000000401413 | 50ml       | Glass bottle  |
| 0000000000000401412 | 10 x 2.5ml | Bottle        |
| 0000000000000401411 | 10 x 1 ml  | Glass ampoule |



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