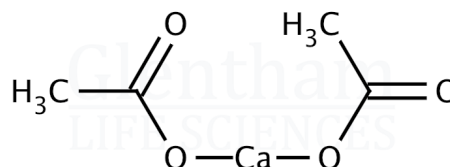


## Product Specification

|                   |                                       |
|-------------------|---------------------------------------|
| Product Name      | Calcium acetate hydrate               |
| Glentham Code     | GE2473                                |
| CAS Number        | 62-54-4                               |
| MDL Number        | MFCD00150019                          |
| Additional CAS    | 114460-21-8                           |
| Additional CAS    | 5743-26-0 ( $\cdot$ H <sub>2</sub> O) |
| PubChem SID       | 310269202                             |
| Molecular Weight  | 158.17 (anhydrous)                    |
| Molecular Formula | $C_4H_6CaO_4 \cdot xH_2O$             |
| Storage Temp.     | +20°C                                 |



| Property                    | Specification                |
|-----------------------------|------------------------------|
| Physical Description        | White crystals or powder     |
| Solubility (10% in water)   | Clear, colourless solution   |
| pH (10% in water)           | 6.0 - 9.0                    |
| Water                       | ≤ 12.0%                      |
| Water Insoluble Matter      | ≤ 0.1%                       |
| Chloride (Cl)               | ≤ 0.05%                      |
| Sulphate (SO <sub>4</sub> ) | ≤ 0.1%                       |
| Iron (Fe)                   | ≤ 10ppm                      |
| Arsenic (As)                | ≤ 3ppm                       |
| Lead (Pb)                   | ≤ 2ppm                       |
| Mercury (Hg)                | ≤ 1ppm                       |
| Fluorine (F)                | ≤ 0.005%                     |
| Heavy Metals (as Pb)        | ≤ 10ppm                      |
| Formic acid                 | ≤ 0.1%                       |
| Assay                       | 99.0 - 100.5 % (dried basis) |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.0       |
| Date Created          | - 2015-10-22 |

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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