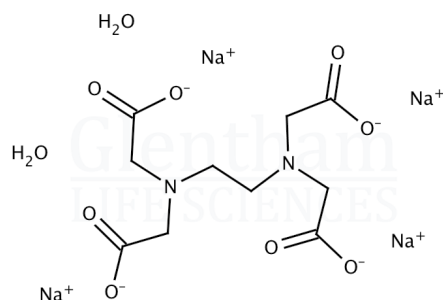


## Product Specification

|                |                                            |
|----------------|--------------------------------------------|
| Product Name   | EDTA tetrasodium salt hydrate              |
| Glentham Code  | GE3450                                     |
| CAS Number     | 194491-31-1                                |
| EINECS         | 200-573-9                                  |
| MDL Number     | MFCD00150026                               |
| Additional CAS | 64-02-8 (anhydrous)                        |
| Additional CAS | 10378-23-1 ( $\cdot 2\text{H}_2\text{O}$ ) |
| Additional CAS | 13235-36-4 ( $\cdot 4\text{H}_2\text{O}$ ) |
| PubChem SID    | 310272508                                  |

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Molecular Weight  | 380.17 (anhydrous)                                                                    |
| Molecular Formula | $\text{C}_{10}\text{H}_{12}\text{N}_2\text{Na}_4\text{O}_8 \cdot x\text{H}_2\text{O}$ |
| Storage Temp.     | +20°C                                                                                 |



| Property             | Specification                                               |
|----------------------|-------------------------------------------------------------|
| Physical Description | White crystalline powder                                    |
| pH (1% in water)     | 10.7 - 11.7                                                 |
| Water                | 14.0 - 17.0 %                                               |
| Assay (Titration)    | 98.0 - 103.0 % (EDTA $\cdot$ 4Na $\cdot$ 4H <sub>2</sub> O) |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.1       |
| Date Created          | - 2015-09-23 |

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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