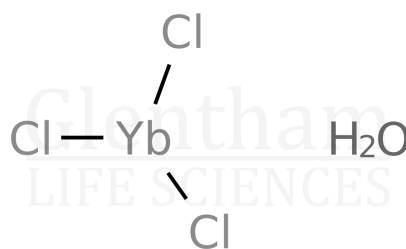


## Certificate of Analysis

|               |                                    |
|---------------|------------------------------------|
| Product Name  | Ytterbium chloride hydrate, 99.99% |
| Glentham Code | GX4544                             |
| CAS Number    | 19423-87-1                         |
| Batch Number  | 766LWJ                             |

|                   |                                           |
|-------------------|-------------------------------------------|
| Molecular Weight  | 279.40                                    |
| Molecular Formula | $\text{YbCl}_3 \cdot x\text{H}_2\text{O}$ |
| Storage Temp.     | +20°C                                     |



| Property                    | Specification                                   | Batch 766LWJ |
|-----------------------------|-------------------------------------------------|--------------|
| Physical Description        | White crystalline powder or colourless crystals | Conforms     |
| Purity (Trace Metals Basis) | ≥ 99.99%                                        | Conforms     |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2022-03-01 |
| Re-Test Date          | 2029-02-14 |

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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