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## **Product Specification**

| Product Name      | Aluminium oxide, 98+%          |
|-------------------|--------------------------------|
| Glentham Code     | GX0712                         |
| CAS Number        | 1344-28-1                      |
| Molecular Weight  | 101.96                         |
| Molecular Formula | Al <sub>2</sub> O <sub>3</sub> |
| Storage Temp.     | +20°C                          |

$$O^{2-}$$
 $O^{2-}$ 
 $Al^{3+}$ 
 $O^{2-}$ 

| Property                | Specification |
|-------------------------|---------------|
| Physical Description    | White powder  |
| Loss on Ignition        | ≤ 3.0%        |
| Sodium oxide (Na2O)     | ≤ 0.5%        |
| Calcium Oxide (CaO)     | ≤ 0.05%       |
| Iron(III) oxide (Fe2O3) | ≤ 0.03%       |
| Silicon dioxide (SiO2)  | ≤ 0.03%       |
| Aluminium oxide (Al2O3) | ≥ 98.0%       |

Specification Version - v1.0

Date Created - 2023-11-30

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 or contact us using the details above for the current version of this document.

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