

## Certificate of Analysis

Date of Testing: 2022-01-21 09:21:41  
Date of Next Testing: 2026-01-20 09:21:41  
Product Name: **Anhydrous gypsum**  
CAS Number: 7778-18-9  
Specifications & Purity: Analytical Reagent, 97.0%  
Lot #: A2214179  
SKU #: **A105242**  
**Analysis:** **062541**  
Storage Temperature: Desiccated

| Parameter                   | Limit Values              | Result                    |
|-----------------------------|---------------------------|---------------------------|
| alkali metal and magnesium  | 0-0.5 (%)                 | 0.21 %                    |
| Loss on drying(250°C,2h)    | 0-1 (%)                   | 0.87 %                    |
| Insoluble matter in HCl     | 0-0.05 (%)                | 0.03 %                    |
| Ammonia (NH <sub>4</sub> )  | 0-0.03 (%)                | 0.01 %                    |
| Iron(Fe)                    | 0-0.002 (%)               | 0.00 %                    |
| Assay                       | 97-100 (%)                | 99.99 %                   |
| Chloride (Cl <sup>-</sup> ) | 0-0.01 (%)                | 0.00 %                    |
| Appearance (A105242)        | White to Off-White Powder | White to Off-White Powder |
| X-Ray Diffraction           | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager