

## Certificate of Analysis

Date of Testing: 2025-06-20 18:01:23

Date of Next Testing: 2029-06-19 18:01:23

Product Name: **Ammonium persulfate (APS)**

CAS Number: 7727-54-0

Specifications & Purity: AR, ≥98%

Lot #: F2516587

SKU #: **A112448**

Version: **7**

Analysis #: **532879**

Storage Temperature: Protected from light

| Parameter                            | Limit Values                          | Result                                |
|--------------------------------------|---------------------------------------|---------------------------------------|
| Insoluble matter in H <sub>2</sub> O | 0-0.005 (%)                           | 0.00000 %                             |
| Heavy metal (as Pb)                  | 0-0.0005 (%)                          | 0.00000 %                             |
| Iron(Fe)                             | 0-0.0005 (%)                          | 0.00000 %                             |
| Manganese(Mn)                        | 0-0.00005 (%)                         | 0.00000 %                             |
| Ignition Residue (as sulfate)        | 0-0.02 (%)                            | 0.00000 %                             |
| Assay                                | 98-100 (%)                            | 99.68000 %                            |
| Chloride and chlorate(Cl)            | 0-0.001 (%)                           | 0.00100 %                             |
| Appearance (A112448)                 | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Clarity of solution , ≤3#            | Pass                                  | Pass                                  |
| Infrared spectrum                    | Conforms to Structure                 | Conforms to Structure                 |



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