

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-14 17:03:20  
Date of Next Testing: 2029-10-13 17:03:20  
Product Name: **Potassium persulfate**  
CAS Number: 7727-21-1  
Specifications & Purity: Premium-Grade Reagents,  $\geq 99.5\%$   
Lot #: I2528449  
SKU #: **P112191**  
Version: **4**  
Analysis #: **548123**  
Storage Temperature: Room temperature, Desiccated

| Parameter                            | Limit Values          | Result                |
|--------------------------------------|-----------------------|-----------------------|
| Manganese(Mn)                        | 0-0.0001 (%)          | 0.00000 %             |
| Heavy metal (as Pb)                  | 0-0.001 (%)           | 0.00000 %             |
| Assay                                | 99.5-100 (%)          | 99.77470 %            |
| Insoluble matter in H <sub>2</sub> O | 0-0.005 (%)           | 0.00000 %             |
| Iron(Fe)                             | 0-0.0002 (%)          | 0.00000 %             |
| Chloride and chlorate(Cl)            | 0-0.002 (%)           | 0.00012 %             |
| Total Nitrogen                       | 0-0.005 (%)           | 0.00251 %             |
| X-Ray Diffraction                    | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager