

F-QC-001 Rev.00

## Certificate Of Analysis

Product Name : Potassium Persulphate 98% AR

Catalog Number : O-5156

Batch Number : 5156-00000000

CAS Number : 7727-21-1

Molecular Weight : 270.31 g/mol

Mol. Formula :  $K_2S_2O_8$ 

Expire Date : 60 months

**SAMPLE**

| No | Test                        | Specifications           | Results      |
|----|-----------------------------|--------------------------|--------------|
| 1  | Appearance                  | white powder or crystals | White powder |
| 2  | Assay (iodometric)          | min 98.0 %               | 98.34%       |
| 3  | Insoluble matter            | max 0.003 %              | 0.0002%      |
| 4  | Chloride (Cl)               | max 0.002 %              | 0.0009%      |
| 5  | Ammonium (NH <sub>4</sub> ) | max 0.0005 %             | 0.00012%     |
| 6  | Arsenic (As)                | max 0.00004 %            | 0.0000038%   |
| 7  | Copper (Cu)                 | max 0.001 %              | 0.00073%     |
| 8  | Iron (Fe)                   | max 0.0005 %             | 0.00014%     |
| 9  | Lead (Pb)                   | max 0.001 %              | 0.0005%      |
| 10 | Manganese (Mn)              | max 0.0001 %             | 0.000028%    |

Corresponds to ACS/AR Grade

**LABOTIQ** Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.  
Manager QC