

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-31 13:21:42
Date of Next Testing: 2028-01-30 13:21:42
Product Name: **Sodium Perborate Tetrahydrate**
CAS Number: 10486-00-7
Specifications & Purity: $\geq 97.0\%$ (RT)
Lot #: A2424426
SKU #: **S110867**
Analysis: **312870**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|--|--|
| Potassium(K) | 0-100 (ppm) | 8.40 ppm |
| Nickel(Ni) | 0-50 (ppm) | 0.00 ppm |
| Calcium(Ca) | 0-200 (ppm) | 2.00 ppm |
| Sulfate(SO ₄ ²⁻) | 0-3000 (ppm) | 200.30 ppm |
| Copper(Cu) | 0-50 (ppm) | 0.00 ppm |
| Chloride (Cl ⁻) | 0-500 (ppm) | 13.60 ppm |
| Cobalt(Co) | 0-50 (ppm) | 0.00 ppm |
| Zinc(Zn) | 0-50 (ppm) | 0.00 ppm |
| Active Oxygen | ≥ 10 (%) | 10.27 % |
| Purity(Permanganate Titration) | 97-100 (%) | 98.80 % |
| Lead(Pb) | 0-50 (ppm) | 0.00 ppm |
| Iron(Fe) | 0-50 (ppm) | 0.00 ppm |
| Cadmium(Cd) | 0-50 (ppm) | 0.00 ppm |
| Appearance (S110867) | Colorless or White Powder or Crystals or granule | Colorless or White Powder or Crystals or granule |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager