



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sodium Sulfate Anhydrous, ACS_
Catalog Number: 191444_
Lot: QR13517_

Formula: Na₂SO₄
CAS #: 7757-82-6
Physical Description: White Powder

Formula Weight: 142.04
Storage: Room Temperature, desiccate

| Test | Specification | Result |
|------------------------------|---------------|---------|
| Assay | #99.0% | 99.32% |
| pH (5% aq soln) | 5.2 - 9.2 | 7.01 |
| Insoluble Matter | #0.01% | 0.003% |
| Loss on Ignition | #0.5% | 0.23% |
| Chloride (Cl) | #0.001% | 0.0007% |
| Nitrogen Compunds (N) | #5 ppm | 4 ppm |
| Phosphate (PO ₄) | #0.001% | 0.0006% |
| Calcium (Ca) | #0.02% | 0.003% |
| Magnesium (Mg) | #0.005% | 0.001% |
| Potassium (K) | #0.01% | 0.0016% |
| Heavy Metals (as Pb) | #5 ppm | 3 ppm |
| Iron (Fe) | #0.001% | 0.0003% |

Recommended Retest Date: 03/05/2020

03/10/2017 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)