



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203402A
Lot Number: SAMPLE
Product Name: Sodium phosphate dibasic heptahydrate
CAS Number: 7782-85-6
Molecular Formula: $\text{Na}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$
Molecular Weight: 268.07

| Test | Specification | Result |
|------------------|----------------------------------|-------------|
| Assay | ≥98% | 98.2% |
| Content | Aerobic plate count: ≤1000 cfu/g | <1000 cfu/g |
| Heavy Metals | ≤20 ppm | 0.21 ppm |
| Insoluble Matter | ≤0.4% | 0.010% |
| Loss on Drying | 43 - 50% | 46.7% |
| Arsenic | ≤16 ppm | 0.11 ppm |
| Chloride | ≤0.06% | <0.06% |
| Sulfate | ≤0.2% | <0.2% |
| Mold/Yeast | ≤100 cfu/g | <100 cfu/g |
| Total Coliforms | Negative | Complies |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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