



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202547
Lot Number: SAMPLE
Product Name: Clodronate, Disodium Salt
CAS Number: 22560-50-5
Molecular Formula: $\text{CH}_2\text{Cl}_2\text{O}_6\text{P}_2\text{Na}_2$
Molecular Weight: 288.86

| Test | Specification | Result |
|--------------------|-------------------------------|----------|
| Appearance | White crystal powder | Complies |
| Identification | Positive | Complies |
| Purity (HPLC) | | > 99.5% |
| Purity (Titration) | 97.0% - 101.0% (on dry basis) | 99.8% |
| pH | 3.5 - 5.0 | 4.0 |
| Solution (Clarity) | Positive | Complies |
| Heavy Metals | ≤ 10 ppm | Complies |
| Loss on Drying | 18.5% - 22.0% | 19.94% |
| Organic Impurities | | Complies |
| Volatile Organics | | Complies |
| Phosphite | $\leq 1.0\%$ | 0.3% |

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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