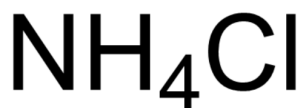


Certificate of Analysis

Compound Information

| | |
|---------------------|------------------------------|
| Product Name: | Ammonium chloride, AR, 99.5% |
| Cat. No.: | 1087076 |
| CAS No.: | 12125-02-9 |
| Molecular Formula: | ClH ₄ N |
| Molecular Weight: | 53.49 |
| Chemical Structure: | |



Batch Information

| | |
|--------------|---------------------|
| Batch No.: | Lg1113333732 |
| Storage: | Storage temp. 2-8°C |
| Test Date: | 2023-11-13 |
| Retest Date: | 2026-11-12 |
| Origin: | Shanghai, China |

QC Summary

| | Specification | Result |
|--|---|----------------|
| Appearance: | White to off-white (Solid) | White (Powder) |
| pH(50 g/L 25°C): | 4.5~5.5 | 5.3 |
| Assay, ω/%: | ≥99.5 | 99.6 |
| Clarity Test, No.: | ≤3 | qualified |
| Water Insoluble Substance, ω/%: | ≤0.005 | qualified |
| Calcium(Ca), ω/%: | ≤0.001 | qualified |
| Potassium(K), ω/%: | ≤0.005 | qualified |
| Magnesium(Mg), ω/%: | ≤0.001 | qualified |
| Sodium(Na), ω/%: | ≤0.005 | qualified |
| Iron(Fe), ω/%: | ≤0.0005 | 0.00035 |
| Phosphate(PO ₄), ω/%: | ≤0.0005 | 0.0003 |
| Sulfate(SO ₄), ω/%: | ≤0.005 | 0.0043 |
| Burning Residue(as SO ₄), ω/%: | ≤0.02 | 0.017 |
| Conclusion: | The product has been tested and complies with the given specifications. | |

Caution: Research use only and are not intended for human use.

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