

Certificate of Analysis

Compound Information

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|---------------------|---------------------------------|
| Product Name: | Cesium carbonate,99.9% |
| Cat. No.: | 1034949 |
| CAS No.: | 534-17-8 |
| Molecular Formula: | Cs ₂ CO ₃ |
| Molecular Weight: | 325.82 |
| Chemical Structure: | |



Batch Information

| | |
|--------------|---------------------------|
| Batch No.: | Lg1026328385 |
| Storage: | Store at room temperature |
| Test Date: | 2023-10-26 |
| Retest Date: | 2028-10-25 |
| Origin: | Shanghai, China |

QC Summary

| QC Summary | Specification | Result |
|--------------------------------|----------------------------|----------------|
| Appearance: | White to off-white (Solid) | white (Powder) |
| Assay,ω/%: | ≥99.9 | 99.91 |
| Lithium(Li),ppm: | ≤5 | 1 |
| Sodium(Na),ppm: | ≤100 | 3 |
| Potassium(K),ppm: | ≤200 | 2 |
| Rubidium(Rb),ppm: | ≤200 | 23 |
| Calcium(Ca),ppm: | ≤30 | 3 |
| Magnesium(Mg),ppm: | ≤5 | 1 |
| Aluminium(Al),ppm: | ≤50 | 2 |
| Iron(Fe),ppm: | ≤5 | 1 |
| Barium(Ba),ppm: | ≤50 | 2 |
| Silica(SiO ₂),ppm: | ≤50 | 2 |
| Sulfate(SO ₄),ppm: | ≤50 | 10 |
| Chloride(Cl),ppm: | ≤50 | 12 |

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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