# Certificate of Analysis

## Compound Information

| | |
|---|---|
| **Product Name:** | Cesium carbonate,99.9% |
| **Cat. No.:** | 1034949 |
| **CAS No.:** | 534-17-8 |
| **Molecular Formula:** | $Cs_2CO_3$ |
| **Molecular Weight:** | 325.82 |
| **Chemical Structure:** | |

$$Cs_2CO_3$$

## Batch Information

| | |
|---|---|
| **Batch No.:** | Lg1106331387 |
| **Storage:** | Store at room temperature |
| **Test Date:** | 2023-11-06 |
| **Retest Date:** | 2028-11-05 |
| **Origin:** | Shanghai, China |

| QC Summary | Specification | Result |
|---|---|---|
| **Appearance:** | White to off-white (Solid) | white to off-white (Powder) |
| **Assay,ω/%:** | ≥99.9 | 99.91 |
| **Lithium(Li),ppm:** | ≤5 | qualified |
| **Sodium(Na),ppm:** | ≤100 | qualified |
| **Potassium(K),ppm:** | ≤200 | qualified |
| **Rubidium(Rb),ppm:** | ≤200 | qualified |
| **Calcium(Ca),ppm:** | ≤30 | qualified |
| **Magnesium(Mg),ppm:** | ≤5 | qualified |
| **Aluminium(Al),ppm:** | ≤50 | qualified |
| **Iron(Fe),ppm:** | ≤5 | qualified |
| **Barium(Ba),ppm:** | ≤50 | qualified |
| **Silica($SiO_2$),ppm:** | ≤50 | qualified |
| **Sulfate($SO_4$),ppm:** | ≤50 | qualified |
| **Chloride(Cl),ppm:** | ≤50 | qualified |
| **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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