

## Certificate of Analysis

Date of Testing: 2024-12-10 10:09:08

Date of Next Testing: 2026-11-30 10:09:08

Product Name: **Cadmium chloride**

CAS Number: 10108-64-2

Specifications & Purity: Premium-Grade Reagents,  $\geq 99\%$

Lot #: L2406201

SKU #: **C116342**

Version: **2**

Analysis #: **415964**

Storage Temperature: Argon charged

| Parameter                            | Limit Values                                 | Result                                       |
|--------------------------------------|----------------------------------------------|----------------------------------------------|
| Water by Karl Fischer                | 0-1 (%)                                      | 0.12 %                                       |
| Calcium(Ca)                          | 0-0.01 (%)                                   | 0.00 %                                       |
| Copper(Cu)                           | 0-0.002 (%)                                  | 0.00 %                                       |
| Sodium(Na)                           | 0-0.005 (%)                                  | 0.00 %                                       |
| Insoluble matter in H <sub>2</sub> O | 0-0.005 (%)                                  | 0.00 %                                       |
| Iron(Fe)                             | 0-0.0002 (%)                                 | 0.00 %                                       |
| PH(5% in water, 25°C)                | 4-6.5                                        | 5.96                                         |
| Zinc(Zn)                             | 0-0.002 (%)                                  | 0.00 %                                       |
| Assay                                | 99~100%                                      | 99.75 %                                      |
| Appearance (C116342)                 | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| X-Ray Diffraction                    | Conforms to Structure                        | Conforms to Structure                        |



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