

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-11 19:14:32

Date of Next Testing: 2028-12-10 19:14:32

Product Name: **Cadmium chloride hemi(pentahydrate)**

CAS Number: 7790-78-5

Specifications & Purity:  $\geq 99.95\%$  metals basis

Lot #: L2410588

SKU # **C118631**

Version **0**

**Analysis #:** **441368**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                              | Limit Values                         | Result                               |
|----------------------------------------|--------------------------------------|--------------------------------------|
| Loss on drying                         | 19-21 (%)                            | 20.51000 %                           |
| Total Metallic Impuritie               | 0-500 (ppm)                          | 35.00000 ppm                         |
| Cd(Complexometric EDTA)                | 48-50.5 (%)                          | 49.32000 %                           |
| Purity(Based On Trace Metals Analysis) | 99.95-100 (%)                        | 99.99650 %                           |
| Appearance (C118631)                   | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| ICP:Confirms Cd Component              | Confirmed                            | Confirmed                            |
| X-Ray Diffraction                      | Conforms to Structure                | Conforms to Structure                |



John Su  
QA & QC Manager