

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-08 17:06:24

Date of Next Testing: 2028-05-07 17:06:24

Product Name: **2,4-Dichlorbenzoic acid**

CAS Number: 50-84-0

Specifications & Purity:  $\geq 95\%$ (GC)

Lot #: D2428258

SKU #: **D104404**

Version: **0**

Analysis #: **335231**

Storage Temperature: Room temperature

| Parameter                                          | Limit Values             | Result                   |
|----------------------------------------------------|--------------------------|--------------------------|
| Purity(Neutralization titration)                   | 94.5-105.5 (%)           | 96.80000 %               |
| Purity(GC)                                         | 95-100 (%)               | 97.00000 %               |
| Melting point                                      | 158-165 (°C)             | 158.90000 °C             |
| Infrared spectrum                                  | Conforms to Structure    | Conforms to Structure    |
| Appearance (D104404)                               | White Powder or Crystals | White Powder or Crystals |
| Solubility in MeOH                                 | almost transparency      | almost transparency      |
| Solubility in NaOH solution , very faint turbidity | pass                     | Pass                     |



John Su  
QA & QC Manager