

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-28 14:01:11

Date of Next Testing: 2027-01-27 14:01:11

Product Name: **Palladium nitrate dihydrate**

CAS Number: 10102-05-3

Specifications & Purity: Pd 18.09 wt. % in nitric acid

Lot #: A2312361

SKU #: **P105994**

Version: **0**

Analysis #: **173148**

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

| Parameter                                      | Limit Values                 | Result                       |
|------------------------------------------------|------------------------------|------------------------------|
| HNO <sub>3</sub> (Titration by NaOH)           | 15-20 (%)                    | 17.49000 %                   |
| Purity(Based On Trace Metals Analysis)         | 99.9-100 (%)                 | 99.99540 %                   |
| Total Metallic Impuritie                       | 0-2000 (ppm)                 | 46.00000 ppm                 |
| Pd(Gravimetric Analysis With Dimethylglyoxime) | 18-20 (%)                    | 18.02000 %                   |
| Appearance (P105994)                           | yellow-brown to brown liquid | yellow-brown to brown liquid |
| ICP: Confirms Palladium Component              | Confirmed                    | Confirmed                    |



John Su  
QA & QC Manager