

## Certificate of Analysis

Date of Testing: 2023-09-20 10:39:42  
Date of Next Testing: 2027-09-19 10:39:42  
Product Name: **Palladium nitrate dihydrate**  
CAS Number: 10102-05-3(Nitric acid)  
Specifications & Purity: Pd 18.09 wt. % in nitric acid  
Lot #: I2306850  
SKU #: **P105994**  
Version: **0**  
Analysis #: **267740**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
HNO <sub>3</sub> (Titration by NaOH)	15-20 (%)	16.78 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	100.00 %
Total Metallic Impuritie	0-2000 (ppm)	25.00 ppm
Pd(Gravimetric Analysis With Dimethylglyoxime)	18-20 (%)	19.92 %
Appearance (P105994)	yellow-brown to brown liquid	yellow-brown to brown liquid
ICP: Confirms Palladium Component	Confirmed	Confirmed



John Su  
QA & QC Manager