

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-14 06:14:17  
Date of Next Testing: 2027-03-13 06:14:17  
Product Name: **Bis(dibenzylideneacetone)palladium(0)**  
CAS Number: 32005-36-0  
Specifications & Purity: Pd 18.5%  
Lot #: C2310792  
SKU #: **B115364**  
Version: **0**  
Analysis #: **127114**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Lambda max.(Toluene)	520-525 (nm)	522.30 nm
Palladium(Pd)	18-24 (%)	18.13%
Absorbance(E1%1cm)(Toluene, 520.0 to ≥90 525.0 nm)		91.30
Layers	325-333 (nm)	328.30 nm
Absorbance(E1%1cm) <sup>2</sup> (Toluene, 325.0 to 333.0 nm)	≥380	385.20
Carbon by Elemental Analysis	64.6-72 (%)	69.53%
Appearance (B115364)	Red to Brown to Purple to Black Powder to Chunks	Red to Brown to Purple to Black Powder to Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager