

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-12 14:01:04
 Date of Next Testing: 2026-12-02 14:01:04
 Product Name: **Tris(triphenylphosphine)ruthenium(II) dichloride**
 CAS Number: 15529-49-4
 Specifications & Purity: $\geq 98\%$
 Lot #: L2412016
 SKU #: **T111252**
 Version: **1**
 Analysis #: **449228**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Assay(Ru)	10.5-11.2 (%)	11.01000 %
Iron(Fe)	0-0.005 (%)	0.00200 %
Purity(As C)	98-100 (%)	99.79000 %
Appearance (T111252)	brown to black to red to violet powder, crystals	brown to black to red to violet powder, crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager