

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-08 15:27:45  
Date of Next Testing: 2025-03-07 15:27:45  
Product Name: (5,10,15,20-Tetraphenylporphinato)manganese(III) chloride  
CAS Number: 32195-55-4  
Specifications & Purity: 95%  
Lot #: C2203302  
SKU #: T303433  
**Analysis: 047313**  
Storage Temperature: Protected from light, Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.33900 %
Appearance(T303433)	Green to Dark green to purple to Black powder to crystal	Green to Dark green to purple to Black powder to crystal
ICP:Confirms Manganese Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager