

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-07 09:40:42  
Date of Next Testing: 2026-07-06 09:40:42  
Product Name: **TPPS (=Tetraphenylporphyrin Tetrasulfonic Acid ) [Ultra-high sensitive spectrophotometric reagent for transition metals]**  
CAS Number: 35218-75-8  
Specifications & Purity: >85.0%(HPLC)  
Lot #: G2203398  
SKU #: **T162693**  
Analysis: **102841**

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	14.74 %
Purity(HPLC)	85-100 (%)	94.44700 %
Appearance (T162693)	Dark blue to very dark green or brown powder	Dark blue to very dark green or brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager