

## Certificate of Analysis

Date of Testing: 2023-10-13 17:28:02  
Date of Next Testing: 2027-10-12 17:28:02  
Product Name: **ABTS [=2,2'-Azinobis(3-ethylbenzothiazoline -6-sulfonic Acid Ammonium Salt)]**  
CAS Number: 30931-67-0  
Specifications & Purity: 98%  
Lot #: J2311139  
SKU #: **A109612**  
Analysis: **272749**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	2.44 %
Purity(HPLC)	98-100 (%)	99.77100 %
Appearance (A109612)	Green to very dark green powder or crystals	Green to very dark green powder or crystals
Solubility in H <sub>2</sub> O , Yellow to green, Clear to slightly hazy, 50mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager