

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-10 15:13:05  
Date of Next Testing: 2029-10-09 15:13:05  
Product Name: **Anthrone**  
CAS Number: 90-44-8  
Specifications & Purity: ACS, ≥97%  
Lot #: I2528277  
SKU #: **A108572**  
Version: **1**  
Analysis #: **569336**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Elemental Analysis(Carbon)	83.5-89.6 (%)	85.20%
Melting point	152-157 (°C)	153.40000 °C
Purity(HPLC)	97-100 (%)	97.07000%
Absorbance(425 nm, 1 cm cell,0.1g sample+132mlH2SO4+68mlH2O)	0-0.75	0.65
Absorbance(620 nm, 1 cm cell,0.1g sample+132mlH2SO4+68mlH2O)	0-0.045	0.01
Appearance (A108572)	white to off-white to yellow powder or crystal	white to off-white to yellow powder or crystal
Solubility in Ethyl Acetate , Faint yellow to yellow, Clear, 2%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitiveness test	pass	Pass



John Su  
QA & QC Manager