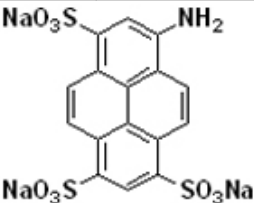


Certificate of Analysis (C of A)			
Name:	APTS 8-Aminopyrene-1,3,6-trisulfonic acid, trisodium salt		
Catalog Number:	7078	Lot:	50337
CAS Number:	196504-57-1	Formula:	C ₁₆ H ₈ NNa ₃ O ₉ S ₃
Molecular Weight:	523.39 (g/mol)		
	Observed	Standard	
HPLC Purity:	99% at 254 nm	≥ 95% at 254 nm	
Absorption (Buffer pH 7)			
Wavelength (λ _{max}):	424 nm	424 ± 3 nm	
Extinction:	20,400 cm ⁻¹ M ⁻¹	20,000 ± 2,000 cm ⁻¹ M ⁻¹	
Fluorescence (Buffer pH 7)			
Emission Max:	503 nm	505 ± 4 nm	
TLC Purity:	> 99%	≥ 95%	
TLC System:	90:10 Acetonitrile / Water		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	14789	Release:	20-Feb-2015
		Expiration:	20-Feb-2035
Structure:			

This data reflects the accuracy of the analysis of the subject lot
 For research use only. Not for human use. No animal source.
 This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger
 Analytical Services Manager

Date: 20-Feb-2015

Signature: 