

Certificate of Analysis						
Name:	AMS 4-Acetamido-4'-maleimidylstilbene-2,2'-disulfonic acid, disodium salt					
Catalog Number:	6508			Lot:	52347	
CAS Number:	175171-4	.3-4		Formula:	C ₂₀ H ₁₄	N ₂ Na ₂ O ₉ S ₂
Molecular Weight:	536.44 (g/mol)					
	Observed			Standard		
HPLC Purity:	89% at 254 nm			≥ 65% at 254 nm		
Absorption (Buffer pH8)						
Wavelength (λ _{max}):	322 nm			323 ± 3 nm		
Extinction:	29,200 cm ⁻¹ M ⁻¹			31,500 ± 4,500 cm ⁻¹ M ⁻¹		
TLC Purity:	> 98%			≥ 65%		
TLC System:	45:45:10 Chloroform / Methanol / Acetic acid					
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)					
Production Lot: 159	19	Release:	01-Nov-20	17 Ex	oiration:	01-Nov-2027
Structure:	o v	SO3Na		()	
O NaO ₃ S						

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

Signature:

Date: 01-Nov-2017