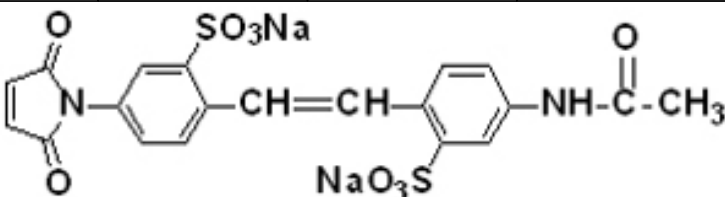


Certificate of Analysis

(C of A)

Name:		AMS 4-Acetamido-4'-maleimidylstilbene-2,2'-disulfonic acid, disodium salt			
Catalog Number:		6508	Lot:		50329
CAS Number:		175171-43-4	Formula:		C ₂₀ H ₁₄ N ₂ Na ₂ O ₉ S ₂
Molecular Weight:		536.44 (g/mol)			
		Observed		Standard	
HPLC Purity:		93% at 254 nm		≥ 65% at 254 nm	
Absorption (Buffer pH7)					
Wavelength (λ _{max}):		322 nm		323 ± 3 nm	
Extinction:		31,900 cm ⁻¹ M ⁻¹		31,500 ± 4,500 cm ⁻¹ M ⁻¹	
TLC Purity:		> 90%		≥ 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:		14291	Release:	20-Jun-2014	Expiration: 20-Jun-2019
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-Jun-2014

Signature: Dianna M Wineinger