SETAREH BIOTECH
LITE OF INNOVATION

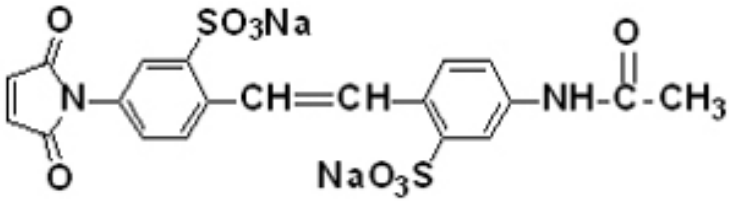
Certificate of Analysis
(C of A)

Name:	**AMS** **4-Acetamido-4'-maleimidylstilbene-2,2'-disulfonic acid, disodium salt**		
Catalog Number:	6508	Lot:	50216
CAS Number:	175171-43-4	Formula:	$C_{20}H_{14}N_2Na_2O_9S_2$
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 **Date:** 20-Jun-2014
Analytical Services Manager

Signature: Dianna M. Wineinger

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