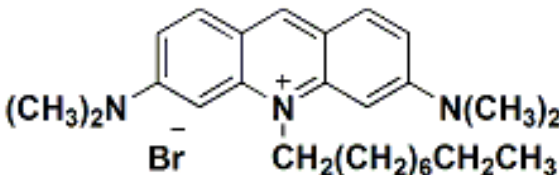


Certificate of Analysis (C of A)								
Name:		Acridine orange 10-nonyl bromide Nonyl acridine orange						
Catalog Number:		6243	Lot:		51717			
CAS Number:		75168-11-5	Formula:		C ₂₆ H ₃₈ BrN ₃			
Molecular Weight:		472.50 (g/mol)						
		Observed		Standard				
HPLC Purity:		99% at 254 nm		≥ 90% at 254 nm				
Absorption (Methanol)								
Wavelength (λ _{max}):		495 nm		495 ± 3 nm				
Extinction:		89,900 cm ⁻¹ M ⁻¹		89,000 ± 6,500 cm ⁻¹ M ⁻¹				
Fluorescence (Methanol)								
Emission Max:		518 nm		519 ± 4 nm				
TLC Purity:		> 99%		≥ 90%				
TLC System:		85:13:2 Chloroform / Methanol / Acetic acid						
Storage:		Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)						
Production Lot:		15041	Release:		27-Jul-2015	Expiration:		27-Jul-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: 27-Jul-2015

Signature: Dianna M Wineinger