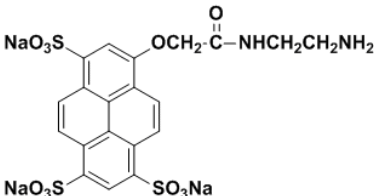


Certificate of Analysis (C of A)					
Name:	PyBlue ethylenediamine, trisodium salt				
Catalog Number:	7389		Lot:	51556	
CAS Number:	138039-52-8		Formula:	C ₂₀ H ₁₅ N ₂ Na ₃ O ₁₁ S ₃	
Molecular Weight:	624.50 (g/mol)				
	Observed		Standard		
HPLC Purity:	99% at 254 nm		≥ 90% at 254 nm		
Absorption (Buffer pH 8)					
Wavelength (λ _{max}):	399 nm		398 ± 3 nm		
Extinction:	30,100 cm ⁻¹ M ⁻¹		30,000 ± 2,500 cm ⁻¹ M ⁻¹		
Storage:	Store at Room Temperature (RT), Protect from moisture (D), Protect from light (L)				
Production Lot:	14521	Release:	29-Oct-2014	Expiration:	29-Oct-2034
Structure:	<div style="text-align: center;">  </div>				

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: 29-Oct-2014

Signature: 