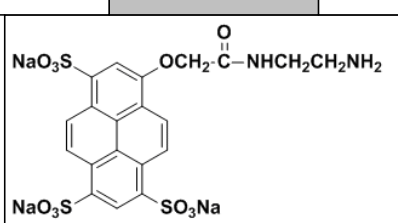


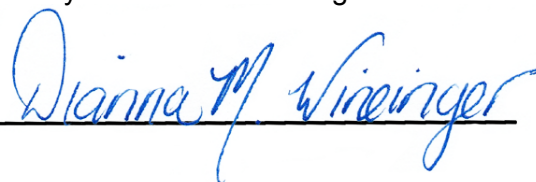
Certificate of Analysis (C of A)			
Name:	PyBlue ethylenediamine, trisodium salt		
Catalog Number:	7389	Lot:	50867
CAS Number:	138039-52-8	Formula:	C ₂₀ H ₁₅ N ₂ Na ₃ O ₁₁ S ₃
Molecular Weight:	624.50 (g/mol)		
	Observed	Standard	
HPLC Purity:	99% at 254 nm	≥ 90% at 254 nm	
Absorption (Buffer pH 8)			
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:			

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:



Date: 08-Feb-2023