SETAREH BIOTECH
LITE OF INNOVATION

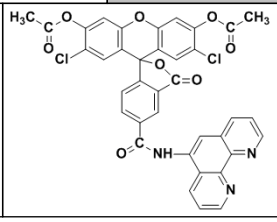
Certificate of Analysis
(C of A)

Name:	**PhenanGreen SK, Diacetate**		
Catalog Number:	7323	Lot:	51358
CAS Number:	234075-45-7	Formula:	$C_{37}H_{21}Cl_2N_3O_8$
Molecular Weight:	706.49 (g/mol)		

	Observed	**Standard**
HPLC Purity:	91% at 254 nm	≥ 90% at 254 nm
Absorption (Methanol)		
Wavelength (λ_{max}):	267 nm	266 ± 3 nm
Extinction:	38,300 $cm^{-1}M^{-1}$	40,000 ± 3,000 $cm^{-1}M^{-1}$
TLC Purity:	> 99%	≥ 90%
TLC System:	85:13:2 Chloroform / Methanol / Acetic acid	
Storage:	Freeze: Store at -5 to -30°C (**F**), Protect from moisture (**D**), Protect from light (**L**)	

Production Lot:	16010	Release:	02-Mar-2018	Expiration:	02-Mar-2028

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:** 02-Mar-2018
Analytical Services Manager

Signature: Dianna M. Wineinger

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