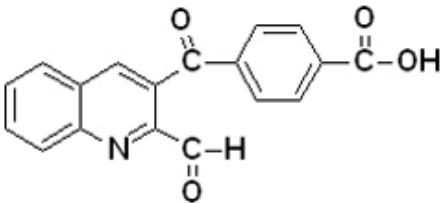


Certificate of Analysis

(C of A)

Name:		CBQCA Derivatization Reagent 3-(4-Carboxybenzoyl)quinoline-2-carboxaldehyde						
Catalog Number:		7184	Lot:		50209			
CAS Number:		131124-59-9	Formula:		C ₁₈ H ₁₁ NO ₄			
Molecular Weight:		305.29 (g/mol)						
		Observed		Standard				
Absorption (Buffer pH 10)								
Wavelength (λ _{max}):		234 nm	234 ± 3 nm					
Extinction:		36,500 cm ⁻¹ M ⁻¹	36,000 ± 3,000 cm ⁻¹ M ⁻¹					
TLC Purity:		> 99%	≥ 90%					
TLC System:		80:20 Chloroform / Methanol						
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)						
Production Lot:		14524	Release:		30-Oct-2014	Expiration:		30-Oct-2024
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: 30-Oct-2014

Signature: Dianna M Wineinger