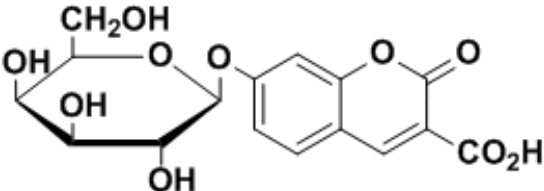


Certificate of Analysis (C of A)					
Name:	CUG 3-Carboxyumbelliferyl beta-D-galactopyranoside				
Catalog Number:	6560	Lot:	50117		
CAS Number:	64664-99-9	Formula:	C ₁₆ H ₁₆ O ₁₀		
Molecular Weight:	368.30 (g/mol)				
	Observed	Standard			
HPLC Purity:	97% at 254 nm		≥ 90% at 254 nm		
Absorption (Buffer pH8)					
Wavelength (λ_{max}):	330 nm		329 ± 3 nm		
Extinction:	16,700 cm ⁻¹ M ⁻¹		17,500 ± 1,500 cm ⁻¹ M ⁻¹		
TLC Purity:	> 99%		≥ 90%		
TLC System:	80:20 Acetonitrile / Water				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	13028	Release:	08-Aug-2014	Expiration:	08-Aug-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: 08-Aug-2014

Signature: Dianna M Wineinger