SETAREH BIOTECH
LITE OF INNOVATION

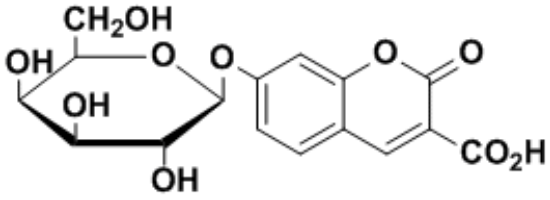
Certificate of Analysis
(C of A)

Name:	**CUG** **3-Carboxyumbelliferyl beta-D-galactopyranoside**		
Catalog Number:	6560	Lot:	52080
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 **Date:** 08-Aug-2014
Analytical Services Manager

Signature: Dianna M. Wineinger

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