



4-METHYLUMBELLIFERYL- β -N-ACETYL-D-GLUCOSAMINIDE (Lot 151201a)

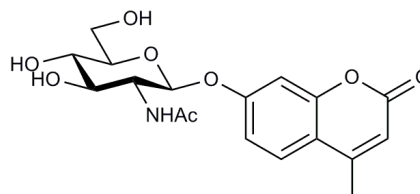
O-4MUNAG

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CAS: 37067-30-4

Molecular Formula: $C_{18}H_{21}NO_8$

MW: 379.4



PURITY: > 98% (HPLC)

HPLC:

Column :- Acclaim 120 C18, 3 μ m (3 x 150 mm)

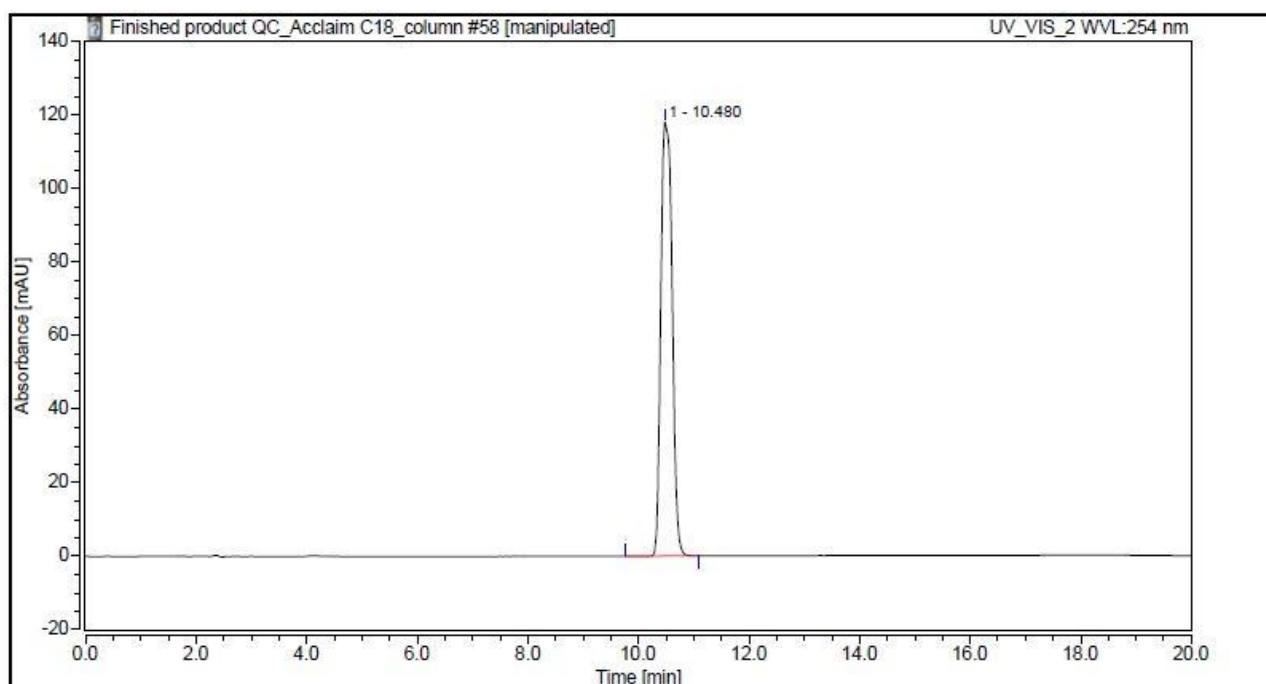
Temperature :- 55°C

Flow rate :- 0.4 mL/min (Eluent gradient shown below)

Detector :- UV (254 nm)

HPLC System :- Thermofisher U3000 Ultimate and Chromeleon v 7.0 software

Time (min)	H ₂ O (%)	CH ₃ CN (%)
0	90	10
1	90	10
13	80	20
15	90	10
20	90	10



NMR:

A Bruker Avance 400 was employed for ^1H NMR spectra (400.13 MHz). Resonances, δ , are in ppm units downfield from an internal reference in $\text{C}_2\text{D}_6\text{SO}$ ($\delta_{\text{H}} = 2.50$).

