SETAREH BIOTECH
LITE OF INNOVATION

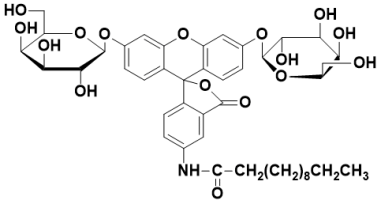
# Certificate of Analysis
(C of A)

| | | | |
|---|---|---|---|
| Name: | $C_{12}$FDG<br>5-Dodecanoylaminofluorescein Di-β-D-Galactopyranoside | | |
| Catalog Number: | 7188 | Lot: | 51765 |
| CAS Number: | 138777-25-0 | Formula: | $C_{44}H_{55}NO_{16}$ |
| Molecular Weight: | 853.90 (g/mol) | | |

| | Observed | Standard |
|---|---|---|
| HPLC Purity: | 97% at 254 nm | ≥ 95% at 254 nm |
| **Absorption (Methanol)** | | |
| Wavelength ($\lambda_{max}$): | 290 nm | 290 ± 3 nm |
| Extinction: | 5,600 $cm^{-1}M^{-1}$ | 5,800 ± 500 $cm^{-1}M^{-1}$ |
| Fluor Bkgd: | <1 ppm at 518nm | < 100 ppm |
| Storage: | Freeze: Store at -5 to -30°C (**F**), Protect from moisture (**D**), Protect from light (**L**) | |

| | | | | | |
|---|---|---|---|---|---|
| Production Lot: | 15273 | Release: | 25-Jan-2016 | Expiration: | 25-Jan-2026 |

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:** 25-Jan-2016
Analytical Services Manager

**Signature:** Dianna M Wineinger **Date:** 09-Dec-2022

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