

TG Internal Standard Mixture - UltimateSPLASH™
Product Number 330821L-1EA
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Physical form	1:1 Dichloromethane:Methanol Solution (1.2mL per vial) containing 9 deuterium labeled internal standards
Storage	-20° C (Freezer)
Manufacture date	November 19, 2019
Expiration date	One year from date of receipt
Product Handling	This is a single-use container. Prior to opening, warm bath sonicate the ampule for approximately five minutes and perform repeated inversion or vortex mixing to completely solubilize and mix vial contents. Lipids in solution can precipitate during shipping and storage conditions.
Lot number	330821L-1EA-010
M Lot number	6852LAA010

Internal Standard	Molecular Formula	Exact Mass	Concentration <i>(Determined using Quantitative Proton NMR, and based on the isotopic purity of each individual standard by Mass Spec)</i>
14:0-13:0-14:0 TG-d5	C ₄₄ H ₇₉ D ₅ O ₆	713.6582	25 µg/mL
14:0-15:1-14:0 TG-d5	C ₄₆ H ₈₁ D ₅ O ₆	739.6738	50 µg/mL
14:0-17:1-14:0 TG-d5	C ₄₈ H ₈₅ D ₅ O ₆	767.7051	75 µg/mL
16:0-15:1-16:0 TG-d5	C ₅₀ H ₈₉ D ₅ O ₆	795.7364	100 µg/mL
16:0-17:1-16:0 TG-d5	C ₅₂ H ₉₃ D ₅ O ₆	823.7677	125 µg/mL
16:0-19:2-16:0 TG-d5	C ₅₄ H ₉₅ D ₅ O ₆	849.7834	100 µg/mL
18:1-17:1-18:1 TG-d5	C ₅₆ H ₉₇ D ₅ O ₆	875.7990	75 µg/mL
18:1-19:2-18:1 TG-d5	C ₅₈ H ₉₉ D ₅ O ₆	901.8147	50 µg/mL
18:1-21:2-18:1 TG-d5	C ₆₀ H ₁₀₃ D ₅ O ₆	929.8460	25 µg/mL

Approved by:



Quality Control Representative

QC Release Date:

01/16/2020