

Chol Ester Internal Standard Mixture - UltimateSPLASH™
Product Number 330822L-1EA
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Physical form	1:1 Dichloromethane:Methanol Solution (1.2mL per vial) containing 5 deuterium labeled internal standards
Storage	-20° C (Freezer)
Manufacture date	November 27, 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	330822L-1EA-010
M Lot number	6853LAA010

Internal Standard	Molecular Formula	Exact Mass	Concentration <small>(Determined using Quantitative Proton NMR, and based on the isotopic purity of each individual standard by Mass Spec)</small>
14:1 cholesteryl-d7 ester	C ₄₁ H ₆₃ D ₇ O ₂	601.5815	25 µg/mL
16:1 cholesteryl-d7 ester	C ₄₃ H ₆₇ D ₇ O ₂	629.6128	50 µg/mL
18:1 cholesteryl-d7 ester	C ₄₅ H ₇₁ D ₇ O ₂	657.6441	75 µg/mL
20:3 cholesteryl-d7 ester	C ₄₇ H ₇₁ D ₇ O ₂	681.6441	50 µg/mL
22:4 cholesteryl-d7 ester	C ₄₉ H ₇₃ D ₇ O ₂	707.6598	25 µg/mL

Approved by:



Quality Control Representative

QC Release Date:

01/16/2020