

SM Internal Standard Mixture - UltimateSPLASH™
Product Number 330824L-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 26, 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	330824L-1EA-010
M Lot number	6855LAA010

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>
16:1 SM (d18:1/16:1)-d9	C ₃₉ H ₆₈ D ₉ N ₂ O ₆ P	709.6084	75 µg/mL
18:1 SM (d18:1/18:1)-d9	C ₄₁ H ₇₂ D ₉ N ₂ O ₆ P	737.6397	50 µg/mL
20:1 SM (d18:1/20:1)-d9	C ₄₃ H ₇₆ D ₉ N ₂ O ₆ P	765.6710	25 µg/mL
22:1 SM (d18:1/22:1)-d9	C ₄₅ H ₈₀ D ₉ N ₂ O ₆ P	793.7023	50 µg/mL
24:1 SM (d18:1/24:1)-d9	C ₄₇ H ₈₄ D ₉ N ₂ O ₆ P	821.7336	75 µg/mL

Approved by:



Quality Control Representative

QC Release Date:

01/16/2020