

Carnitine SPLASH LipidoMIX™ Internal Standard

Product Number 330379W-1EA

Page 1 of 1

Physical form	Methanol Solution (1.1ml per vial)
Storage	-20° C (Freezer)
Manufacture date	January 24, 2024
Expiration date	One year from date of receipt
Lot number	330379W-1EA-010
MLOT number	7152WAA010

Compound Name	Molecular Weight	Exact Mass	Chemical Formula	Concentration (µg/mL)*
L-carnitine-d9	170.26	170.16	C ₇ H ₆ D ₉ NO ₃	10
C2:0 L-carnitine-d9	212.29	212.17	C ₉ H ₈ D ₉ NO ₄	10
C3:0 L-carnitine-d9	226.32	226.19	C ₁₀ H ₁₀ D ₉ NO ₄	10
C4:0 L-carnitine-d9	240.35	240.20	C ₁₁ H ₁₂ D ₉ NO ₄	10
C5:0 L-carnitine-d9	254.37	254.22	C ₁₂ H ₁₄ D ₉ NO ₄	10
C6:0 L-carnitine-d9	268.40	268.23	C ₁₃ H ₁₆ D ₉ NO ₄	10
C8:0 L-carnitine-d9	296.45	296.27	C ₁₅ H ₂₀ D ₉ NO ₄	10
C10:0 L-carnitine-d9 (HCl salt)	360.97	360.27	C ₁₇ H ₂₅ D ₉ ClNO ₄	10
C12:0 L-carnitine-d9 (HCl salt)	389.02	388.31	C ₁₉ H ₂₉ D ₉ ClNO ₄	10
C14:0 L-carnitine-d9	380.62	380.36	C ₂₁ H ₃₂ D ₉ NO ₄	10
C16:0 L-carnitine-d9	408.67	408.39	C ₂₃ H ₃₆ D ₉ NO ₄	10
C18:0 L-carnitine-d9 (HCl salt)	473.18	472.40	C ₂₅ H ₄₁ D ₉ ClNO ₄	10
C18:1 L-carnitine-d9	434.71	434.41	C ₂₅ H ₃₈ D ₉ NO ₄	10
C18:2 L-carnitine-d9	432.69	432.39	C ₂₅ H ₃₆ D ₉ NO ₄	10

*Concentration is based on the isotopic purity of each individual compound.

Approved by:



Quality Control Representative

QC Release Date: 2/20/2024

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