Certificate of Analysis

Reference Material & Standard

Product Name:	Stable Isotope Labeled Sulfonamide Mix 3	**Catalogue Number:**	MCAD304669-B
Appearance:	Colourless Liquid	**Lot Number:**	1215-RG-0142
Solvent:	Methanol	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	May 15, 2028	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:

N/A

Warning:



NO.	Component	CAS No.	Certified Concentration Value (μg/mL)	Uncertainty (%)
1	Sulfapyridine-13C6	1228182-45-3	10.0	5
2	Trimethoprim-13C3	1189970-95-3	10.0	5
3	Sulfadimethoxine-13C6	1334378-48-1	10.1	5

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

CATO Research Chemicals Inc.

Signature:

Prepared by: Lisa Date: Dec 18, 2025

Reviewed by: Hinlam Date: Dec 18, 2025

Approved by General Manager: David Date: Dec 18, 2025

CATO Research Chemicals Inc.