Certificate of Analysis

Reference Material & Standard

Product Name:	AOCS Reference Mixture C14-C24	**Catalogue Number:**	CCFD201870
Synonyms:	N/A	**Lot Number:**	1220-RE-0009
CAS Number:	N/A	**Expiry Date:**	Dec 12, 2024
Molecular Formula:	N/A	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	N/A	**Warning:**	
Chemical Structure:	N/A		

NO.	Component	Weight (%)	Purity (%)
C14:0	Methyl Myristate	1.0	99.1
C16:0	Methyl Palmitate	4.0	99.4
C18:0	Methyl Stearate	3.0	99.7
C18:1	Methyl Oleate	45.0	99.2
C18:2	Methyl Linoleate	15.0	99.1
C18:3	Methyl Linolenate	3.0	99.6
C20:0	Methyl Arachidate	3.0	99.3
C22:0	Methyl Behenate	3.0	99.2
C22:1	Methyl Erucate	20.0	99.1
C24:0	Methyl Lignocerate	3.0	99.5
Uncertainty			±2.0%

CATO Research Chemicals Inc.

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.

Signature:

Prepared by: Lisa Date: Dec 21, 2023

Reviewed by: Hinlam Date: Dec 21, 2023

Aporoved by General Manager: David Date: Dec 21, 2023

CATO Research Chemicals Inc.