

Certificate of Analysis

Reference Material & Standard

Product Name:	Fatty Acid Methyl Esters Mix 11	Catalogue Number:	MCFD202177
Appearance:	Colourless Liquid	Lot Number:	0522-RG-0002
Solvent:	Isooctane	Storage:	-20°C±5°C Protected from light and Sealed
Expiry Date:	May 08, 2028		
Chemical Structure:	N/A		

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Methyl behenate	929-77-1	10041.5	±5
2	Linolenic Acid Methyl Ester	301-00-8	9977.9	±5
3	Linoleic Acid Methyl Ester	112-63-0	9968.2	±5
4	Methyl Palmitoleate	1120-25-8	10013.2	±5
5	Methyl arachidate	1120-28-1	10051.9	±5
6	Methyl Palmitate	112-39-0	10039.9	±5
7	cis-11-Eicosenoic Acid Methyl Ester	2390-09-2	10013.0	±5
8	Octadecanoic Acid Methyl Ester	112-61-8	10039.9	±5
9	Oleic Acid Methyl Ester	112-62-9	10068.0	±5
10	Tetracosanoic Acid Methyl Ester	2442-49-1	10057.8	±5
11	Methyl Myristate	124-10-7	10044.5	±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.

Signature:

Prepared by:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: May 23, 2025

Date: May 23, 2025

Date: May 23, 2025

