



CERTIFICATE OF ANALYSIS

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1. Identification

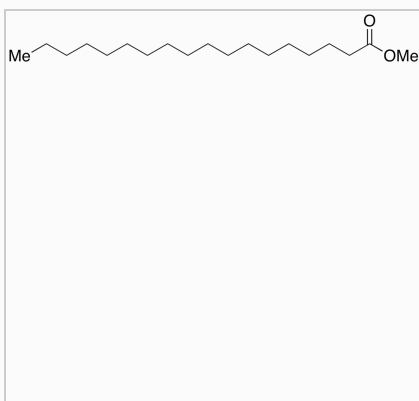
Catalogue Number: M326690

CAS Number: 112-61-8

Product: Methyl Stearate

Synonym: Octadecanoic Acid Methyl Ester; Stearic Acid Methyl Ester; Emery 2218; Esterol A; Exceparl MS; Kemester 9718; Methyl n-Octadecanoate; Methyl Octadecanoate; Methyl Stearate; NSC 9418; Pastel M 18; Pastell M 180; n-Octadecanoic Acid Methyl Ester;

Structure:



Molecular Formula:

$C_{19}H_{38}O_2$

Molecular weight:

298.5

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Slig

Lot Number: 17-SBL-150-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|--------------------------------------|--------------------------------------|
| Elemental Analysis | Conforms | %C: 76.99, %H: 13.39 |
| Appearance | White to Off-White Low-Melting Solid | White to Off-White Low-Melting Solid |
| NMR | Conforms to Structure | Conforms |
| GC | Report Result | 98.57% |
| MS | Conforms to Structure | Conforms |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|-------------|---------------|--------------------|-----------|-------------|
| Evan Burns | Toni Rantanen | Chanell Chu | 7/14/2021 | 7/12/2025 |
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