

PRODUCT DATA SHEET

Code No.: BIA-AS6056

Pack sizes.: 1mg, 5mg

Saturated fatty acid set

Saturated fatty acids

Code No.: BIA-AS6056

Product	Code No.	CAS #	Mol. Formula	Mol. Wt.
Arachidic acid	BIA-A2353	506-30-9	C ₂₀ H ₄₀ O ₂	312.5
Behenic acid	BIA-B2352	112-85-6	C ₂₂ H ₄₄ O ₂	340.6
Capric Acid	BIA-C2607	334-48-5	C ₁₀ H ₂₀ O ₂	172.3
Caprylic Acid	BIA-C2606	124-07-2	C ₈ H ₁₆ O ₂	144.2
Lauric Acid	BIA-L2608	143-07-7	C ₁₂ H ₂₄ O ₂	200.3
Lignoceric Acid	BIA-L2612	557-59-5	C ₂₄ H ₄₈ O ₂	368.6
Myristic Acid	BIA-M2609	544-63-8	C ₁₄ H ₂₈ O ₂	228.4
n-Caproic Acid	BIA-N2605	142-62-1	C ₆ H ₁₂ O ₂	116.2
Palmitic Acid	BIA-P2610	57-10-3	C ₁₆ H ₃₂ O ₂	256.4
Stearic Acid	BIA-S2611	57-11-4	C ₁₈ H ₃₆ O ₂	284.5

Synonyms:

1mg or 5mg of each compound

Specifications

CAS #	: Varied
Molecular Formula	: Varied
Molecular Weight	: Varied
Source	: -
Appearance	: Varied
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: -

Application Notes

Saturated fatty acids: 1. Behenic acid - (CAS# 112-85-6) - Molecular Formula: C₂₂H₄₄O₂ - Molecular Weight: 340.58 | 2. Arachidic acid - (CAS# 506-30-9) - Molecular Formula: C₂₀H₄₀O₂ - Molecular Weight: 312.53 | 3. n-Caproic Acid - (CAS# 142-62-1) - Molecular Formula: C₆H₁₂O₂ - Molecular Weight: 116.16 | 4. Caprylic Acid - (CAS# 124-07-2) - Molecular Formula: C₈H₁₆O₂ - Molecular Weight: 144.21 | 5. Capric Acid - (CAS# 334-48-5) - Molecular Formula: C₁₀H₂₀O₂ - Molecular Weight: 172.26 | 6. Lauric Acid - (CAS# 143-07-7) - Molecular Formula: C₁₂H₂₄O₂ - Molecular Weight: 200.32 | 7. Myristic Acid - (CAS# 544-63-8) - Molecular Formula: C₁₄H₂₈O₂ - Molecular Weight: 228.37 | 8. Palmitic Acid - (CAS# 57-10-3) - Molecular Formula: C₁₆H₃₂O₂ - Molecular Weight: 256.42 | 9. Stearic Acid - (CAS# 57-11-4) - Molecular Formula: C₁₈H₃₆O₂ - Molecular Weight: 284.48 | 10. Lignoceric Acid - (CAS# 557-59-5) - Molecular Formula: C₂₄H₄₈O₂ - Molecular Weight: 368.64

References