D310LA - n-Dodecyl-β-D-Maltopyranoside, Anagrade

**n-Dodecyl-β-D-Maltoside • Lauryl Maltoside • Dodecyl 4-O-α-D-Glucopyranosyl-β-D-Glucopyranoside (Low alpha) • DDM / LM**

D310LA: n-Dodecyl-β-D-Maltopyranoside, Anagrade

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| --- | --- | --- | --- | --- |
| PART # | DESCRIPTION | UNIT SIZE | PRICE (USD) | QTY |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | D310LA 1 GM | n-Dodecyl-β-D-Maltopyranoside, Anagrade | 1 gm | 130 | Add to cart |
|  | D310LA 5 GM | n-Dodecyl-β-D-Maltopyranoside, Anagrade | 5 gm | 480 | Add to cart |
|  | D310LA 25 GM | n-Dodecyl-β-D-Maltopyranoside, Anagrade | 25 gm | 1796 | Add to cart |

[**PRODUCT DESCRIPTION**TECHNICAL DOCUMENTATIONREQUIRED / RELATED PRODUCTS](https://www.anatrace.com/Products/Detergents/MALTOSIDES/D310LA)

Molecular Formula: C24H46O11
CAS Number: [69227-93-6]
Formula Weight: 510.6
CMC: (H2O) ~ 0.17 mM(1) (0.0087%)
CMC: (0.2M NaCl) ~ 0.12 mM(2)
Aggregation Number: (H2O) ~ 78-149(1,2)
dn/dc: 0.1435 mL/gm
Purity: ≥ 99% β+α (by HPLC analysis)
Percent Anomer: < 0.2 α (HPLC)
Percent Alcohol: < 0.005 Dodecanol (HPLC)
pH: 5-8 (1% solution in water)
Solubility: ≥ 20% (in water at 0-5°C)
Conductance: < 40 μS (10% solution in water)
Fluorescence: <10% (0.1% solution in water at 345nm)
Absorbance of a 1% solution in water
225 nm: < 0.1
260 nm: < 0.06
280 nm: < 0.04
340 nm: < 0.02



**Citation(s):**
1. VanAken, T., Foxall-VanAken, S., Castleman, S. and Ferguson-Miller, S. (1986) *Methods* *Enzymol.***125**, 27-35.
2. Anatrace measurement in collaboration with Professor R. M. Garavito (Michigan State University).
3. Brown, G. M., Dubreuil, P., Ichhaporia, F. M. and Desnoyers, J. E. (1970) *Canadian J.* *Chem.***48**, 2525-2531.
4. Measurement obtained in collaboration with Professor Mark Foster (University of Akron) under an experimental services contract.
5. Strop, P. and Brunger, A. T. (2005) *Protein Sci.***14**, 2207-2211.

U310 - ω-Undecylenyl-β-D-Maltopyranoside, Anagrade

**ω-Undecylenyl-β-D-Maltoside**

U310: ω-Undecylenyl-β-D-Maltopyranoside, Anagrade

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PART # | DESCRIPTION | UNIT SIZE | PRICE (USD) | QTY |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | U310 1 GM | ω-Undecylenyl-β-D-Maltopyranoside, Anagrade | 1 gm | 110 | Add to cart |
|  | U310 5 GM | ω-Undecylenyl-β-D-Maltopyranoside, Anagrade | 5 gm | 429 | Add to cart |
|  | U310 25 GM | ω-Undecylenyl-β-D-Maltopyranoside, Anagrade | 25 gm | 1718 | Add to cart |

[**PRODUCT DESCRIPTION**TECHNICAL DOCUMENTATIONREQUIRED / RELATED PRODUCTS](https://www.anatrace.com/Products/Detergents/MALTOSIDES/U310)

Molecular Formula: C23H42O11
CAS Number: [869704-76-7]
Formula Weight: 494.6
CMC: (H2O)~ 1.2 mM(1) (0.059%)
Purity: ≥ 99% β+α (by HPLC analysis)
Percent Anomer: < 2% α (HPLC)
Percent Alcohol: < 0.005 ω-Undecylenyl alcohol (HPLC)
pH: 5-8 (1% solution in water)
Solubility: ≥ 20% (in water at 0-5°C)
Conductance: < 40 μS (10% solution in water)
Fluorescence: <10% (0.1% solution in water at 345nm)
Absorbance of a 1% solution in water
260 nm: < 0.06
280 nm: < 0.04
340 nm: < 0.02



U300LA - n-Undecyl-β-D-Maltopyranoside, Anagrade

**n-Undecyl-β-D-Maltoside(Low alpha) • UM**

U300LA: n-Undecyl-β-D-Maltopyranoside, Anagrade

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PART # | DESCRIPTION | UNIT SIZE | PRICE (USD) | QTY |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | U300LA 1 GM | n-Undecyl-β-D-Maltopyranoside, Anagrade | 1 gm | 145 | Add to cart |
|  | U300LA 5 GM | n-Undecyl-β-D-Maltopyranoside, Anagrade | 5 gm | 575 | Add to cart |
|  | U300LA 25 GM | n-Undecyl-β-D-Maltopyranoside, Anagrade | 25 gm | 2576 | Add to cart |

[**PRODUCT DESCRIPTION**TECHNICAL DOCUMENTATIONREQUIRED / RELATED PRODUCTS](https://www.anatrace.com/Products/Detergents/MALTOSIDES/U300LA)

Molecular Formula: C23H44O11
CAS Number: [253678-67-0]
Formula Weight: 496.6
CMC: (H2O) ~ ~ 0.59 mM(1) (0.029%)
Aggregation Number: (100 mM NaCl, 20 mM HEPES pH 7.5) ~ 71(2)
dn/dc: 0.1506 ml/gm
Purity: ≥ 99% β+α (by HPLC analysis)
Percent Anomer: < 0.2 α (HPLC)
Percent Alcohol: < 0.005 Undecanol (HPLC
pH: 5-8 (1% solution in water)
Solubility: ≥ 20% (in water at 0-5°C)
Conductance: < 40 μS (10% solution in water)
Fluorescence: <10% (0.1% solution in water at 345nm)
Absorbance of a 1% solution in water
225 nm: < 0.1
260 nm: < 0.06
280 nm: < 0.04
340 nm: < 0.02



S300 - Sodium Dodecanoyl Sarcosine, Anagrade

**Sodium Lauroyl Sarcosine • Sarkosyl • N-Methyl-N-(1-Oxododecyl)-Glycine, Sodium Salt**

S300: Sodium Dodecanoyl Sarcosine, Anagrade

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PART # | DESCRIPTION | UNIT SIZE | PRICE (USD) | QTY |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | S300 1 GM | Sodium Dodecanoyl Sarcosine, Anagrade | 1 gm | 53 | Add to cart |
|  | S300 5 GM | Sodium Dodecanoyl Sarcosine, Anagrade | 5 gm | 194 | Add to cart |
|  | S300 25 GM | Sodium Dodecanoyl Sarcosine, Anagrade | 25 gm | 734 | Add to cart |

[**PRODUCT DESCRIPTION**TECHNICAL DOCUMENTATIONREQUIRED / RELATED PRODUCTS](https://www.anatrace.com/Products/General-Purpose-Laboratory-Reagents/MB-REAGENTS/S300)

Molecular Formula: C15H29NO3Na
CAS Number: [137-16-6]
Formula Weight: 293.4
CMC: (H2O) ~ 14.4 mM(1) (0.42%)
Purity: ≥ 99% (by HPLC analysis)
pH: 7-9 (10% solution in water)
Solubility: ≥ 10% (in water at 20°C)
Absorbance of a 1% solution in water
260 nm: < 0.08
280 nm: < 0.06
340 nm: < 0.04



Lauric Acid: < 0.1% (HPLC).

**Citation(s):**
1. Anatrace measurement.

C325 - CYMAL-5, Anagrade

**5-Cyclohexyl-1-Pentyl-β-D-Maltoside(1)**

C325: CYMAL-5, Anagrade

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PART # | DESCRIPTION | UNIT SIZE | PRICE (USD) | QTY |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | C325 1 GM | CYMAL-5, Anagrade | 1 gm | 158 | Add to cart |
|  | C325 5 GM | CYMAL-5, Anagrade | 5 gm | 624 | Add to cart |
|  | C325 25 GM | CYMAL-5, Anagrade | 25 gm | 2614 | Add to cart |

[**PRODUCT DESCRIPTION**TECHNICAL DOCUMENTATIONREQUIRED / RELATED PRODUCTS](https://www.anatrace.com/Products/Detergents/CYMAL/C325)

Molecular Formula: C23H42O11
CAS Number: 250692-65-0
Formula Weight: 494.5
CMC: (H2O) ~ 2.4-5.0 mM(2) (0.12%)
CMC: (0.15M NaCl) ~ 2.0 mM(2)
Aggregation Number: (H2O) ~ 47(2)
dn/dc: 0.1521 ml/g
Purity: ≥ 99% β+α (by HPLC analysis)
Percent Anomer: < 4 α (HPLC)
Percent Alcohol: < 0.005 Cyclohexylpentanol (HPLC)
pH: 5-8 (1% solution in water)
Solubility: ≥ 20% (in water at 20°C)
Conductance: < 40 μS (10% solution in water)
Fluorescence: <10% (0.1% solution in water at 345nm)
Absorbance of a 1% solution in water
225 nm: < 0.1
260 nm: < 0.06
280 nm: < 0.04
340 nm: < 0.02



**Citation(s):**
1. US Patent 5,763,586.
2. Measurement obtained in collaboration with Professor Mark Foster (University of Akron) under an experimental services contract.
3. Askolin,S., Turkenburg,J. P., Tenkanen, M., *et al.*(2004) *Acta Crystallogr. D Biol. Crystallogr.***60**, 1903-1905.
4. Katayama, H., Tabata, T., Ishihama, Y., *et al.*(2004) *Rapid Commun. Mass Spectrom.***18**, 2388-2394.
5. Dorjsuren, D., Badralmaa, Y., Mikovits, J., *et al.*(2003) *Protein Expr. Purif.***29**, 42-50.
6. Wester, M. R., Johnson, E. F., Marques-Soares, C., Dansette, P. M., Mansuy, D., and Stout, C. D. (2003) *Biochemistry***42**, 6370-6379.