



## Tender document

Department of Biological Sciences & Bioengineering  
Indian Institute of Technology Kanpur  
Kanpur (UP) 208016

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India Enquiry date: 03<sup>rd</sup> April, 2024

Closing date: 14<sup>th</sup> April, 2024

Opening date: 15<sup>th</sup> April, 2024

Online quotations are invited for purchase of Lauryl maltose neopentyl glycol (LMNG) reagents details as described below.

### Technical Specifications of LMNG

Quantity required: 250 grams (3 X 25-gram units)

Molecular Formula: C<sub>47</sub>H<sub>88</sub>O<sub>22</sub>

CAS Number: [1257852-96-2]

Formula Weight: 1005.19

Storage Conditions: -20°C

CMC: (H<sub>2</sub>O) ~ 0.01mM (1) (0.001%)

Purity: ≥98% all anomers (by HPLC analysis)

Percent Anomer: ≤ 4% anomers other than 1,3-bis-β

(HPLC)pH: 5-8 (1% solution in water)

Solubility: ≥ 5% (in water at 20°C)

Conductance: < 100 μS (5% solution in water)

Absorbance of a 1% solution in water

260 nm: ≤ 0.15, 280 nm: ≤ 0.12, 340 nm: ≤ 0.1

Product Name: Lauryl Maltose Neopentyl Glycol

### HAZARDS IDENTIFICATION

This substance is not classified as dangerous according to directive EC/1272/2008.

This substance is not classified as dangerous according to directive 67/548/EEC.

### LABEL ELEMENTS

Hazard statements: No applicable information.

Precautionary statements: No applicable information.

R & S phrases: No applicable information.

#### COMPOSITION/INFORMATION ON INGREDIENTS

HAZARD: Lauryl Maltose Neopentyl Glycol %WT: ≥99%

SYNONYMS: 2,2-didecylpropane-1,3-bis-β-D-maltopyranoside

#### PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White solid Vapor

Pressure: No data available

Solubility (Water): Soluble

Percent Volatile: No data available

Chemical Formula: C<sub>47</sub>H<sub>88</sub>O<sub>22</sub>

#### **Terms and Conditions:**

1. In case you are not manufacturer of the product, your quotation shall contain Authorization Letter from manufacturer.
2. Quotation must be valid for minimum of 60 days.
3. Detergents ship at ambient; store between 2 and 8 °C in the dark
4. Shipping and handling not included.
5. Shipping method via FedEx International Economy.
6. Shipping terms FOB or CIF New Delhi Ship point.
7. Payment terms: 100% after supply of the material.
8. Ambiguous offers, without suitable technical documentation, not mapping compliance to required specifications, may be rejected without any further notification.
9. Manufacturer must have prior experience of use for membrane protein research.

  
**Dr. Arun K. Shukla**  
Professor  
Department of Biological  
Sciences & Bioengineering  
IIT, Kanpur-208016 (India)  
Professor  
Department of Biological Sciences & Bioengineering  
Indian Institute of Technology Kanpur  
Kanpur 208 016, India