

MOLOM GUID (नल्ला गुड़)

Artisanal Date Palm Sap Liquid Jaggery Product Documentation

1. Product Overview & Description

The product evaluated consists of an artisanal, natural liquid jaggery sweetener extracted directly from the pure sap of date palm trees (*Phoenix dactylifera*), widely celebrated in South Asian winter traditions as **Jhola Gur** or **Liquid Nolen Gur**. Characterized by its signature translucent deep amber/caramel hue, this premium syrupy liquid offers a distinct smoky aroma and rich complex flavor profile that serves as a highly nutritious alternative to refined sugars.

Authenticity Indicator: The liquid form represents the least processed stage of traditional jaggery reduction. By carefully halting the wood-fired boiling process prior to crystallization, master artisans (historically known as *Shiulis* or *Gachhis*) ensure maximum preservation of volatile aromatic compounds and essential bioactive minerals.

2. Visual Analysis & Packaging Specification

As documented across all four orthogonal perspectives, the packaging consists of a heavy-duty, ergonomically ribbed transparent PET bottle capped with a tamper-evident golden-yellow polyolefin screw closure. This ensures optimal UV protection while showcasing the natural clarity, viscosity, and amber-rich tone of the liquid jaggery.

FRONT VIEW

Displays the primary product identification label reading:
"नल्ला गुड़ / Molom Guid / Date Palm Sap Jaggery Liquid".

RIGHT VIEW

Showcases the clean profile, mid-body textured grip, and
natural product clarity.

REAR VIEW

Highlights the uniform horizontal structural ribbing
designed to reinforce the bottle integrity.

LEFT VIEW

Illustrates full 360° product visibility, affirming the absence
of any chemical sedimentation or artificial fillers.

3. Product Technical Specifications

Product Name	Molom Guid Date Palm Sap Jaggery Liquid (नल्ला गुड़)
Ingredient Profile	100% Pure Unrefined Date Palm Sap (Neera)
Additives / Preservatives	None (0% Added Cane Sugar, 0% Artificial Colors/Flavors)
Physical Form & Texture	Viscous Flowing Liquid Syrup (Honey-like consistency)
Color Profile	Translucent Rich Amber to Deep Reddish Brown

4. Nutritional Value & Health Benefits

Unlike refined cane sugar, which provides empty calories, Date Palm Liquid Jaggery is deeply nourishing and retains its inherent micronutrient density due to minimal processing.

Nutritional Component	Typical Value (per 100g)	Primary Health Benefit
Natural Sugars	65% – 68%	Provides sustained, low-glycemic energetic release.
Iron (<i>Fe</i>)	14 mg	Supports hemoglobin synthesis and counters anemia.
Calcium (<i>Ca</i>)	48 mg	Promotes bone density and structural health.
Magnesium & Potassium	Trace Essential	Regulates electrolyte balance and aids muscle function.

Key Health Advantages:

- **Digestive Enzyme Activation:** Acts as a natural digestive catalyst when consumed post-meals.
- **Winter Immunity Support:** Contains traditional warming properties that soothe respiratory tracts during colder months.
- **Antioxidant Rich:** Packed with ascorbic acid and polyphenols that combat systemic oxidative stress.

5. Culinary Applications & Usage Instructions

This versatile liquid sweetener dissolves instantly across both hot and cold matrixes, offering a deeply nuanced flavor profile superior to standard maple syrup or cane molasses:

- **Traditional Confectionery:** The definitive core ingredient for authentic winter recipes including *Payesh* (rice pudding), *Pitha* (traditional rice cakes), and regional *Sandesh*.
- **Modern Dessert Drizzle:** An exotic, rich alternative to maple syrup or honey over fresh waffles, pancakes, crêpes, or oatmeal bowls.

- **Beverage Sweetener:** Incorporates seamlessly into artisanal specialty lattes, hot milks, and black specialty coffees without altering their delicate profiles.

6. Storage Guidelines & Quality Standards

To ensure optimal longevity and preserve the delicate volatile top-notes of fresh date palm sap, follow these professional handling practices:

- **Temperature Control:** Store in a cool, dry microenvironment away from direct thermal radiation and sunlight.
- **Refrigeration:** While room temperature storage is acceptable, refrigeration is recommended long-term. Natural thickening or mild surface foam layer formulation is an inherent indicator of absolute biological purity.
- **Moisture Prevention:** Ensure the high-grade polyolefin screw cap remains hermetically sealed post-use to counter ambient moisture ingress.