



ZENITH ECLIPSE JOURNAL

SUGAR

Colour. Crystal. Contract.

A clearer brief for food production, wholesale and repacking. Connect the sugar identity, analytical methods and grain profile with packaging, lot approval and the delivery plan.

THE COVER STORY

Name the grade and complete analytical brief.
Keep colour, grain and origin evidence separate.
Connect packing approval with export delivery.

03

SELECT YOUR PRODUCT

Choose by end use and product form.

04

READ THE QUALITY

Match the tests to your requirements.

06

CONNECT THE ROUTE

Align the cargo contract with delivery.

THE ZENITH ECLIPSE APPROACH

Begin with the product you make.

Food production, wholesale and consumer packing need different buying details, even when the enquiry begins with a familiar sugar name.



BUILT AROUND YOUR END USE

We review sugar enquiries for food and beverage manufacturers, confectionery producers, bakeries, importers, wholesalers and repacking businesses. Tell us the intended use, analytical acceptance and receiving needs at the start.

ICUMSA 45 describes a contracted colour requirement, while Indian S30 combines a grain-size class and colour-series designation. S30 does not mean 30 ICUMSA units. Neither description establishes every quality parameter, producer or origin.

Complete the brief with polarization, moisture, grain profile and other application requirements, using named methods and units. Add packaging, quantity, destination and approval milestones. Our team will review suitable sourcing and delivery options, with the offered product and all commercial commitments confirmed in writing.

IN THIS EDITION

- 03** Choose the sugar buying route
- 04** Read the complete specification
- 05** Match pack and receiving
- 06** Connect the lot and delivery
- 07** Build the sugar RFQ
- 08** Talk to our team

PRODUCT CLARITY

QUALITY CONFIDENCE

DELIVERY ALIGNMENT

PRODUCT PORTFOLIO

Choose the sugar buying route.

A grade, an order format and a manufacturer request answer different questions. Keep the complete product specification beside each route.



01 ICUMSA 45 sugar

Confirm a contracted maximum of 45 ICUMSA colour units under a named applicable method. Specify polarization, moisture, ash, grain and other requirements separately; the colour number does not establish origin or food safety.

02 Indian S30 sugar

State the Indian commercial grade and required grain profile. The S size class and 30 colour series are distinct from an analytical ICUMSA reading. Confirm origin and the offered lot's complete quality specification.

03 Bulk & wholesale

For container or larger-volume purchases, define grade, quantity, tolerance and handling format. Bulk describes the commercial or delivery arrangement; it does not establish colour, composition or a universal sugar quality.

04 Private-label sugar

Agree the sugar specification before approving pack size, artwork, language and destination labels. Confirm the packing partner, lot coding, quality release and available format for the proposed product and order.

05 Al Khaleej enquiries

State the requested producer and grade. Zenith Eclipse is an independent trader, separate from and unaffiliated with the refinery, and is not its authorized distributor, agent or representative. Confirm authenticity and availability.

THE BUYER'S QUALITY GUIDE

Read the complete specification.

Agree the sugar matrix, method, version, units and lot acceptance. One colour result cannot describe the whole purchase.



PARAMETER	WHAT THE BUYER SHOULD CHECK
Identity & origin	State the named sugar type and agreed grade definition. Keep producer, origin and lot evidence separate from analytical colour. Codex CXS 212 defines named sugars; commercial labels need a complete contract.
Colour method & matrix	Name colour method, version, material and units. GS9-8 (2026) uses pH 7; GS2-10 (2024) uses no pH adjustment within its stated scope. Compare results using the applicable method and range.
Polarization	Specify the polarimetric method, such as GS2-1 (2022), reporting units and acceptance limit. Results in °Z use the international polarimetric sugar scale; do not silently relabel them as percentage purity.
Moisture & condition	Agree moisture limit and method, such as GS2-15 loss on drying. Retain method conditions and reporting basis. Review caking, odour, foreign matter and pack condition against agreed receiving criteria.
Crystal-size profile	Define sieve fractions or a specified distribution, using an agreed method such as GS2-37. Include mean aperture or variation where needed. Match the grain profile with dissolution, handling and application trials.
Further tests & release	Add conductivity ash, reducing sugars, sulphite and relevant safety checks where required, with methods and limits. Agree sampling, retained samples and retesting. Link the COA and release decision to the lot.

The complete specification makes offers comparable.

SOURCE READING

Codex / Named sugar definitions
ICUMSA / Colour method and matrix
ICUMSA / Polarization and units

PACKING & RECEIVING

Match pack and receiving.

Define food-contact pack construction and handling, then connect the labels and lot marks with the receiving or resale plan.

01

BAGS / INDUSTRIAL USE

Industrial bags

Specify net weight, tolerance, bag construction, liner needs and closure. Agree pallet arrangement, handling and lot marks. Include the receiving site's inspection, storage and production-issue requirements in the pack brief.

02

LARGER VOLUMES / INTAKE

Big bags & bulk routes

Review suitable larger packs or bulk handling against source capability and the receiver's equipment. Agree food-compatible loading, discharge, contamination protection and lot records before confirming the feasible configuration.

03

RETAIL / REPACKING

Consumer & private label

State pack material, size, case arrangement and approved artwork. Confirm product identity, destination language, declarations and traceability. Packing formats and commercial volumes depend on the actual source and agreement.

Let the receiving plan shape the pack.

Keep storage clean and dry, with protection from moisture, pests, foreign odours and cross-contamination. Include storage duration, stock rotation and pack checks in the enquiry. Packaging depends on source, grade, quantity and route. The quotation confirms the available format, approved labels and loading arrangement.

Connect the lot and delivery.

Align product approval, packing readiness and required records with the destination's receiving schedule.

OCEAN

ROAD

RAIL

MULTIMODAL

We review sugar and freight requirements together. Share the grade, complete quality brief, quantity, pack and receiving place. Identify sample, artwork and document approvals before fixing the proposed loading or arrival window.

01 Define the delivery

Name the Incoterms® 2020 rule and exact port or place. Align loading, carriage, insurance and destination handling so the sugar quotation and freight scope reflect the same commercial responsibilities.

02 Confirm the document set

Agree lot COA, origin and producer evidence, invoice, packing list and transport record. Check destination food-import and label requirements. Confirm any required health, inspection or other declarations and their issuers.

03 Coordinate cargo release

Connect source readiness, sampling and packing approval with booking deadlines and intake appointments. Agree container condition, food-compatible handling and moisture protection. Keep lot, pack and seal references through handover.

SOURCE READING

[ICC / Incoterms 2020](#)

PROCUREMENT WORKSHEET

Build your sugar RFQ.

Put these eight details into one brief for commercial, quality, packing and freight teams.

YOUR SUGAR ENQUIRY / EIGHT DETAILS

- ☐ Intended food, industrial or resale use and approval requirements
- ☐ Sugar type, grade, preferred origin and producer or brand
- ☐ Colour limit, applicable method, version, matrix and reporting units
- ☐ Polarization, moisture, ash and other analytical limits with methods
- ☐ Grain distribution, condition, application tests and sampling procedure
- ☐ Quantity, tolerance, pack, lot marks and approved destination labels
- ☐ Destination, Incoterms® rule and shipment or arrival window
- ☐ Lot evidence, inspections and required product or import documents

Still defining the specification?

Start with grade, intended use, quantity, packing and destination if the specification is developing. Share the methods and quality evidence your receiving team needs. Flag essential source requirements and approvals. Our team will confirm the offered sugar, documentary evidence and delivery scope in writing.

[SEND YOUR SUGAR REQUIREMENTS](#)



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YOUR NEXT SUGAR PURCHASE

Your product. Your requirements.

Let's connect the details.

Share the sugar identity, quality methods and limits, grain profile, quantity, packing and destination. Our team will review your enquiry and confirm the applicable product, evidence and delivery scope.

SUGAR SALES

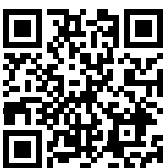
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