

# TECHNICAL SPECIFICATION SUGAR ICUMSA 45



## PRODUCT SPECIFICATIONS

Property	Specification	Unit
Origin	INDIAN	-
ICUMSA RBU ICUMSA	Attention index units Method # 10-1978	-
Ash Content	Maximum 0.04	% by weight
Moisture	Maximum 0.04	% by weight
Magnetic Particles	Maximum 4	Mg/kg
Solubility	100% Dry and Free Flowing	-
Granulation	Fine Standard	-
Polarization	Minimum 99.80	%
Max AS (Arsenic)	Maximum 1	P.P.M.
Max OS (Oxide)	Maximum 2	P.P.M.
Max CU (Copper)	Maximum 3	P.P.M.
Colour	Sparkling White	-
Sediments	None	-
SO (Sulfur Dioxide)	Maximum 20	Mg/kg
Reducing Sugar	Maximum 0.010	% in Dry Mass
Radiation	Normal w/o presence of cesium or iodine	-
Substance	Solid, Crystal	-
Smell	Free of any Smell	-



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Property	Specification	Unit
HPN Staph Aureus per 1 Gram	Nil	-
Pathogenic Bacteria Including Salmonella per 25 Gram	Nil	-
Bacillus per 1 Gram	Nil	-
Crop	Current	-

## KEY FEATURES

- High Purity: Meets ICUMSA 45 standards for maximum quality and purity.
- Sparkling White Color: Provides a clean and appealing appearance.
- Fine Granulation: Ensures ease of use and solubility.
- Low Moisture and Ash Content: Contributes to longer shelf life and better quality.

## APPLICATIONS

ICUMSA 45 Sugar is suitable for use in:

- Food and beverage manufacturing
- Confectionery
- Baking
- Culinary applications

## STORAGE AND HANDLING

- Storage Conditions: Store in a cool, dry place, away from moisture and contaminants.
- Handling: Use clean, dry utensils and equipment. Avoid exposure to direct sunlight and moisture.

## SAFETY AND QUALITY ASSURANCE

- Safety: ICUMSA 45 Sugar is safe for consumption as per regulatory standards. Follow general food safety practices during handling.
- Quality Assurance: Regular quality testing ensures compliance with ICUMSA standards and product integrity.