

## Technical Datasheet

### ICUMSA 45 Refined White Sugar

#### Product Specifications

| Parameter                         | Specification  |
|-----------------------------------|--|
| Product                           | Refined White Sugar ICUMSA 45 suitable for human consumption |
| Polarity (at 20°C)                | Minimum 99.80°   |
| Sulphated Ash Content             | Maximum 0.04%  |
| Sulfur Dioxide (SO <sub>2</sub> ) | 20 mg/kg   |
| Moisture                          | 2.0%   |
| pH                                | 4.0 – 6.5  |
| Magnetic Particles                | 4 mg/kg  |
| Solubility                        | 100% dry and free flowing                                    |
| Granulation                       | Standard fine  |
| Color                             | Bright white   |
| Reducing Sugar                    | Maximum 0.010%   |

#### Toxic Elements

| Element | Limit (mg/kg) |
|---------|---------------|
| Arsenic | 0.50          |
| Cadmium | Not specified |
| Copper  | 1.00          |
| Lead    | 1.00          |
| Mercury | 0.01          |
| Zinc    | 3.00          |

#### Pesticide Residues

| Substance                             | Limit (mg/kg) |
|---------------------------------------|---------------|
| DDT                                   | 0.005         |
| Fotoxina                              | 0.01          |
| Gamma Hexachlorocyclohexane (Lindane) | 0.005         |

#### Microbiological Limit

| Parameter           | Requirement                   |
|---------------------|-------------------------------|
| Pathogenic bacteria | Absent (including Salmonella) |