

Technical Data Sheet



PRODUCT: FRS-2

DESCRIPTION

Carbo-UA product **FRS-2** is a patent pending carbonaceous adsorbent with proprietary phosphoric and sulphonyl acid group activity specifically designed for superior clarification of sugar liquors/syrups.

The unique properties of product **FRS-2** enable removal of a broad spectrum of organic and inorganic impurities, to achieve increased daily sugar recovery and provide the flexibility to handle higher impurity raw sugar melts. It is formulated for use as a body-feed or batch contact addition prior to Phosphatation Clarification, just after Carbonatation, or as a stand-alone Clarifying agent to provide substantially improved production efficiency and product quality via its supreme decolourisation abilities.

The product is simply added to an existing point in the sugar refining production process, so there is no extra process time and little or no capital equipment required to take advantage of the additional clarifying powers of **CarboUA FRS-2**.

GENERAL SPECIFICATIONS

Parameter	Value
Decolourisation Capacity	400 IU min. (CarboUA Method S-17)
ΔpH	± 0.5 max. (CarboUA Method S-18)
Arsenic	2 ppm Máx. (FCC Method)
Heavy Metals (As Pb)	10 ppm Máx. (FCC Method)

FOOD GRADE CERTIFICATIONS

CarboUA **FRS-2** meets the requirements of the US FDA for sugar processing under certain conditions, and all applicable raw materials meet the requirements of the *Food Chemical Codex*, fourth edition.

KOSHER CERTIFICATION

CarboUA **FRS-2** product is Kosher approved.

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General specifications are typical values for this product. Customized product specifications on individual customer's feed stocks can be tailored to insure performance consistency on an individual customer basis. Since the use of our products by others is beyond our control, no guarantee, expressed or implied, is made and no responsibility assumed for the use of this product and product information, or the results obtained there from.

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