



CARBO UA
INTERNATIONAL

Product Data Sheet:

Sweetener Processing and Purification: Filtration and Turbidity Reduction

Product: FA8

CarboUA product **FA8** is a filtration aid specifically designed for purifying cane sugar, beet sugar, and starch-derived sweeteners such as glucose and HFCS. The unique properties of product **FA8** enable removal of organic and inorganic impurities, to achieve outstanding purity sugar products and process efficiency. **FA8** can be used as a Secondary Clarification (added after a Primary Clarification process such as Phosphatation or Carbonatation), or as a Primary Clarification process in applications where no other Clarification process exists. It is applied as either a body-feed/batch-contact or as a precoat layer in the filtration process. Product **FA8** has co-currently been designed to be an excellent complimentary filter aid for use with CarboUA high performance adsorbents, such as our products **RFB-SA6**, **RFB-VH**, and **FRS**. In addition to superior total impurity removal, **FA8** is expected to achieve outstanding filter cycle lengths and high average flow rates.

General Specifications

pH:	6.5 – 7.5
Density:	0.10 – 0.15 kg/L (as packed)
Moisture:	5% max (as packed)
Median Particle Diameter	48 microns
Permeability (Darcy)	1.55

Food Grade Certifications

Carbo-UA FA8 meets the requirements of the US FDA for food processing under certain conditions, and all applicable raw materials meet the requirements of the *Food Chemical Codex*, 4th edition.

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General specifications are typical values for this product. Customized product specifications on individual customer's feedstocks can be tailored to insure performance consistency on an individual customer basis.

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