



Product Data Sheet:

Sweetener Processing and Purification: Filtration and Turbidity Reduction

Product: FA4

CarboUA product **FA-4** 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 **FA-4** enable removal of organic and inorganic impurities, to achieve outstanding purity sugar products and process efficiency. Product **FA-4** has been specifically 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**. It is applied as either a body-feed/batch-contact or as a precoat layer in the filtration process. The combination of CarboUA adsorbents plus filter aid **FA-4** can achieve superior total impurity removal and maximum purity sugar products.

General Specifications

pH:	6.5 – 7.5
Density:	0.08 – 0.1 kg/L (as packed)
Moisture:	5% max (as packed)
Median Particle Diameter	15 microns
Permeability (Darcy)	0.4

Food Grade Certifications

Carbo-UA FA-4 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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