



Product Data Sheet:

Sugar Processing and Purification: Decolourisation and Filtration

Product: RFB-VH

Carbo-UA product **RFB-VH** is a vegetable-based carbonaceous adsorbent specifically designed for superior clarification of sugar liquors/syrups. It is formulated for use as a body-feed or batch contact addition as a stand-alone Clarifying agent to provide substantially improved production efficiency and product quality via its excellent decolourisation and filtration abilities. Carbo-UA **RFB-VH** is best added at or near the Melt Station, with 15-30 minutes contact time prior to Direct Filtration. **RFB-VH** is best suited for applications in feed sugars of 300 – 700 ICUMSA such as VVHP, VHP, or similar raw sugars.

General Specifications

Decolourisation Capacity:	250 I.U. min (Carbo-UA Method S-17)
Δ pH:	± 0.5 max (Carbo-UA Method S-18)
Density:	0.4 - 0.6 kg/L (as packed in 20 kg bags)
Total Ash:	< 5% (Typical Lot Analysis)
Moisture:	24 - 32% as packed (Typical Lot Analysis)

Food Grade Certifications

Carbo-UA RFB-VH 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.

Additional Certifications

Carbo-UA product RFB-VH is Halal and Kosher approved.

support@carboua.com

www.carboua.com

General specifications for decolourisation capacity and pH are based on performance on a raw sugar of Carbo-UA's selection. Customized product specifications on individual customer's feedstocks can be tailored to insure performance consistency on an individual customer basis.

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