

Croer F-10X

Powdered activated-carbon decolouring agent.

CHARACTERISTICS

Croer F-10X is a decolouring agent comprising carbon chemically activated by phosphoric acid. This activation process develops the carbon's porous structure, thereby raising its adsorption capacity and, by extension, increasing its power as a decolouring agent.

APPLICATIONS

- Decolourization of musts and wines.
- Decolourization of vinegars.
- Decolourization of wastewater.
- Decolourization of juices and concentrates.
- Decolourization of chemicals.
- Removal of polycyclic aromatic hydrocarbons from oils.
- Decolourization of oils and fats.

ORGANOLEPTIC QUALITIES

Croer **F-10X** and Croer **F-10X-H** activated carbon products reduce the treated liquid's colour intensity.

COMPOSITION

Croer F-10X: Activated carbon derived from maritime pine.

Croer F-10X-H: Wet activated carbon derived from maritime pine.

DOSAGE

Slightly brown wines	3-10 g/hl
Brown wines	10-15 g/hl
Strongly oxidized wines	>15 g/hl

Maximum permitted dose: 100 g/hl.

Users are recommended to adjust the free sulphur dioxide dose before commencing the treatment.

INSTRUCTIONS FOR USE

1. Dissolve the **Croer F-10X** or **Croer F-10X-H** in a quantity of the product to be treated equivalent to twice the weight of the activated carbon.
2. Add this solution to the rest of the product to be treated then pump until thoroughly mixed.
3. Alternatively, add the indicated dose of activated carbon directly to the vat holding the product to be treated.
4. Leave to settle for 2 hours.
5. Filter the product to remove any carbon still held in suspension.

PHYSICAL APPEARANCE

Croer F-10X: Fine black powder.

Croer F-10X-H: Wet black powder

PACKAGING

Croer F-10X: 17.5-kg bags; 682.5-kg pallets.

Croer F-10X-H: 25-kg bags; 975-kg pallets.

PHYSICO-CHEMICAL PROPERTIES

	F10X EP 795 (rev.1)	F10XH EP 796 (rev.2)
Moisture [%]	< 12	35 – 45
Total ash [%]	< 4	< 4
pH	3 – 7	4 – 7
Decolouring capacity in wine	> 85	> 70
Particle size (> 40 micron)[%]	< 35	-
Molasses value	> 350	>310
Bulk density [g/cm ³]*	0,28	0,35
Methylene blue value [ml/100 mg] *	18	18
Iodine value [cg/g] *	135	135
Permeability [mDa] *	60	-
Particle size [50% of sample] [µm] *	26	25
Particle size [10% of sample] [µm] *	6	5

*These values are approximate

RGSEAA: 31.00391/CR

This product complies with the International Oenological Codex and Regulation (UE) 2019/934.