



## NEVTRACO® water treatment limestone

- Made of bryozoan limestone
- Effective for iron removal in drinking water
- Neutralization of aggressive carbonic acid
- High space capacity
- Low rinse water consumption

### Use

NEVTRACO, also known as water treatment limestone, is used as filter material for the purification of drinking water for primary iron. In special cases it is also used to neutralize the aggressive carbonic acid.

NEVTRACO has a high space capacity for iron removal.

The filter material has sharp edges, a rough surface and a porous structure, which are perfect properties for a material for the filtration of colloidal iron hydroxides. These properties make the filter material easy to back-wash.

### Manufacturing

Faxe Kalk A/S produce the limestone for Silhorko-Eurowater A/S.

NEVTRACO is a mixture of coral limestone and bryozoan limestone. It is crushed, dried and screened at the limestone factory.

### Analysis data

All analysis data are to be regarded as normative, since the raw material is a natural product, the composition of which varies within certain limits.

The chemical and physical properties are described by a mean value (x) and a corresponding standard deviation (s). The mean value plus/minus twice the standard deviation ( $x \pm 2 \cdot s$ ) indicate the range of 95 % of the analysis results.

### Chemical analysis

	x	s
Total carbonate <sup>1</sup> (CaCO <sub>3</sub> + MgCO <sub>3</sub> )	98,0 %	0,7 %
Calcium carbonate (CaCO <sub>3</sub> )	96,8 %	0,7 %
Magnesium carbonate (MgCO <sub>3</sub> )	1,0 %	0,2 %
Undissolved remnant in HCl <sup>2</sup>	2,1 %	0,6 %
Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> )	0,15 %	0,1 %
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	0,07 %	0,01 %
Manganese oxide (MnO)	0,02 %	0,01 %
Sulphur (S)	0,04 %	0,01 %
Humidity (H <sub>2</sub> O)	0,05 %	0,02 %
Analysis differential ect.	0,01 %	
	100 %	

1) CaCO<sub>3</sub> equivalent

2) The undissolved remnant in HCl includes Al<sub>2</sub>O<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub> and MnO

### Physical properties

Grain size	1-3 mm
Grain density	1,25 kg/l

### Packing

Packed in bags of 25 kg.

### Storage

Store in a dry place

### Additional

Separate safety data sheet can be obtained.

