

## Aqua-juraperle JW®

### General

Aqua-juraperle JW is a granular filter medium with a purity of 99.1 % calcium carbonate. Because of its micro-crystalline structure, it is superior to ordinary limestone. Aqua-juraperle JW keeps its activity for pH-adjustment even after removal of high concentrations of iron and manganese.

### Applications: Filtration

Aqua- juraperle JW is commonly used for:

- CO<sub>2</sub>-removal and remineralisation of soft water
- remineralisation of distillate and/or R.O. water
- removal of iron and manganese as well as aluminium

### Chemical analysis

		Average figures	EN 1018 Type 1
CaCO <sub>3</sub>	mass-%	99.1	> 98
SiO <sub>2</sub> + Al <sub>2</sub> O <sub>3</sub>	mass-%	0.34	-
Fe <sub>2</sub> O <sub>3</sub>	mass-%	0.04	-
Trace Elements			
Arsenic (As)	mg/kg	0.25	< 3
Cadmium (Cd)	mg/kg	< 0.25	< 2
Chromium (Cr)	mg/kg	< 2	< 10
Mercury (Hg)	mg/kg	< 0.02	< 0.5
Lead (Pb)	mg/kg	0.25	< 10
Selenium (Se)	mg/kg	0.9	< 3

### Physical characteristics

		Average figures	EN 1018 Type 1
Density	g/cm <sup>3</sup>	2.7	2.71
Bulk density	kg/m <sup>3</sup>	1500	1000 - 1500
Shape	Broken, irregular		
Sizes available	1.0-2.0 mm, 1.2-1.8 mm, 1.8-2.5 mm, 2.5-4.0 mm.		

### Packaging

- 50 kg poly bags, palletised, shrink-foiled
- 25 kg paper bags, palletised, shrink-foiled
- Big bags
- Bulk-carriers