

<b>Technical Datasheet</b>	<b><i>Aqua-juraperle TWA</i></b> according to EN 1018, Type 1	<b>QMS-No. GBT21111</b>
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**General** *Aqua-juraperle TWA* 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 TWA* keeps its activity for pH-adjustment even after removal of high concentrations of iron and manganese.

**Applications** *Aqua-juraperle TWA* is commonly used for

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

<b>Chemical analysis</b>			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	-
	<b><u>Trace elements</u></b>			
	Arsenic	As	mg/kg	< 0.5
	Cadmium	Cd	mg/kg	< 0.5
	Chromium	Cr	mg/kg	< 2
	Mercury	Hg	mg/kg	< 0.01
	Lead	Pb	mg/kg	< 0.5
	Selenium	Se	mg/kg	< 0.5
	Antimony	Sb	mg/kg	< 0.5

<b>Physical characteristics</b>			Average figures	EN 1018, Type 1
	<b>Density</b>		g/cm <sup>3</sup>	2.7
	<b>Bulk density</b>		kg/m <sup>3</sup>	1500
	<b>Shape</b>	broken, irregular		
	<b>Sizes available</b>	0.5–1.2 mm, 1.0–2.0 mm, 2.0–3.0 mm, 3.0–4.0 mm, 4.0–6.0 mm.		

**Packaging**

- 25 kg plastic bags, palletised, shrink-foiled,
- Big bags,
- Bulk-carriers.