

Technical Datasheet	<i>Aqua-juraperle TWA</i> according to EN 1018, Type 1	QMS-No. GBT21111
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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

- CO₂-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,

Chemical analysis

		Average figures	EN 1018, Type 1
CaCO ₃	mass-%	99.1	> 98
SiO ₂ + Al ₂ O ₃	mass-%	0.34	-
Fe ₂ O ₃	mass-%	0.04	-

Trace elements

Arsenic	As	mg/kg	< 0.5	3
Cadmium	Cd	mg/kg	< 0.5	2
Chromium	Cr	mg/kg	< 2	10
Mercury	Hg	mg/kg	< 0.01	0.5
Lead	Pb	mg/kg	< 0.5	10
Selenium	Se	mg/kg	< 0.5	3
Antimony	Sb	mg/kg	< 0.5	3

Physical characteristics

		Average figures	EN 1018, Type 1
Density	g/cm ³	2.7	2.71
Bulk density	kg/m ³	1500	1000 - 1500
Shape	broken, irregular		
Sizes available	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.