



Product Specification Klar-Sol Super

Description:

Aqueous, slightly acidic colloidal silicon dioxide solution, milky, neutral smell.

Analysis:

solid matter content	17.0 – 18.0	%
density	1.080 – 1.115	g/ml

Microbiology:

total viable cell count (PC-agar)	< 10 ³	CFU/ml
Enterobacteriaceae (VRBD-agar)	negative	

Values for information purposes:

pH-value	approx. 3.5	
particle size	approx. 15	nm
surface	approx. 170	m ² /g

Measured values by dry weight:

SiO ₂	> 98	%
Al ₂ O ₃	< 1.3	%
Fe ₂ O ₃	< 0.01	%
TiO ₂	< 0.03	%
lead	< 5	ppm
arsenic	< 3	ppm
copper	< 10	ppm
cadmium	< 0.1	ppm
zinc	< 10	ppm

This product is legally admitted in the Federal Republic of Germany and the European Union for the treatment of fruit juices and wine and complies in its purity with laws and regulations presently in force.