

























	Coagulant	Turbidity removal (%)			Absorbance at 254 nm removal (%)			Residual Al concentration (µg/L)		
		pH value of treated sample								
		7	8	9	7	8	9	7	8	9
	Alum	85.8	79.0	72.0	69.0	62.1	56.9	400	590	684
	PAC-18	92.4	90.5	86.0	78.4	69.8	67.2	243	459	632
	PAC <sub>lab</sub>	93.0	91.8	88.5	82.8	78.0	73.7	177	180	294
	PASiC	92.7	92.0	88.2	84.1	79.7	72.4	132	170	232
: Ini	tial turbidity 16	5 NTU, ir.	nitial abs	sorband	<i>:e at 25</i>	4nm: 0.	125, da	ose of co	pagulani	ts 2 mg

















## **Future Trends**

The tendency in the coagulation field nowadays is the production of modified composite coagulants, which become more and more complicated, regarding their composition. The variety of the possible additives and the different possible mixing ratios between them state clearly that the concept of "mixing" to produce superior chemicals is in an initial stage and more research efforts have be devoted for this purpose.

