

Price list for resin examinations

To test	by Method	Price
Standard price sets		
Standard analyses for cationic resins	<i>Includes: Basic tariff, Optical aspect; Kinetic properties (Colouring test), total capacities, water retention</i>	351,00 €
Standard analyses for anionic resins	<i>Includes: Basic tariff, Optical aspect; Kinetic properties (Colouring- and Crosscolouring test), total capacities (weak and strong base fractions), water retention</i>	427,00 €
Standard analyses for Mixed-bed-sample	<i>Separation of CAT and AN as well as individual analyses for both fractions (microscopical examination, total capacities, water retention, colouring)</i>	885,00 €
General	General	
General	Basic tariff, report <i>separately for each sample</i>	66,00 €
Optical aspect	Microscopical analyses	
Optical aspect	Microscopically <i>strongly recommended!</i>	82,00 €
Bead size distribution	Picture analysis <i>to be ordered only in combination with microscopical examination (Optical aspect)</i>	114,00 €
Total capacities	Total capacities by titration	
Total capacities	Weakly acidic, titration	172,00 €
Total capacities	Strongly acidic, titration	172,00 €
Total capacities	Strongly- or dual basic, titration	217,00 €
Total capacities	IDA/AMP selective resins	197,00 €
Total capacities	Total capacities according to DIN	
Total capacities	Weakly acidic, titration referring to DIN 54403	272,00 €
Total capacities	Strongly acidic, titration referring to DIN 54403	272,00 €
Total capacities	Strongly- or dual basic, titration referring to DIN 54402	348,00 €
Regeneration level	Regeneration level	
Regeneration level	Strongly acidic, as delivered, titration <i>supposing, that the sample was taken after regeneration and rinse</i>	70,00 €
Regeneration level	Strongly- or dual basic, as delivered, titration <i>supposing, that the sample was taken after regeneration and rinse</i>	117,00 €
Operating Capacity	Operating Capacity by column test	
Operating Capacity	WAC <i>OC from 3 cycles with constant ion offer; Rinse water consumption</i>	265,00 €
Operating Capacity	SAC <i>OC from 3 cycles with constant regeneration; Rinse water consumption</i>	265,00 €
Operating Capacity	WBA DBA <i>OC from 3 cycles with constant regeneration; Rinse water consumption</i>	265,00 €
Operating Capacity	SBA <i>OC from 3 cycles with constant regeneration; Rinse water consumption</i>	265,00 €

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Operating Capacity	MB <i>The mixed bed sample has to be regenerated. OC until 1/5/10 µS/cm</i>	162,00 €
Kinetik properties	Kinetic properties	
Kinetik properties	Colouring test after regeneration <i>to be ordered only in combination with microscopical examination (Optical aspect)</i>	31,00 €
Kinetik properties	Crosscolouring <i>to be ordered only in combination with microscopical examination (Optical aspect)</i>	31,00 €
Kinetik properties	Colouring after purification <i>to be ordered only in combination with special treatment/purification</i>	31,00 €
Microbiological Contamination	Colony forming Units <i>Bacteria, Yeast and Fungi with culture media-coated dip-slide</i>	77,00 €
Microbiological Contamination	Protein Content <i>identification of dead biological material</i>	77,00 €
Purification	Special treatments <i>it is advantageous, that the sample was taken after regeneration and rinse</i>	33,00 €
Contents in resin or eluate	Contents	
Contents in resin or eluate	COD photometric <i>including the resin special treatment</i>	52,00 €
Contents in resin or eluate	Silica (SiO ₂) photometric <i>including the resin special treatment</i>	62,00 €
Contents in resin or eluate	Fe photometric <i>including the resin special treatment</i>	56,00 €
Contents in resin or eluate	ICP-Screening <i>usually combined with a special treatment</i>	217,00 €
Mechanical stability	Mechanical parameters	
Mechanical stability	Destruction force and Elasticity	114,00 €
Mechanical stability	Osmotic Shock Test	180,00 €

Results will be available within about 3...5 working days, for larger amounts of samples or special treatments a little longer.
The sample quantity could be only a few hundred ml each (packed in bottles or bins if possible). For the operating capacity or for mixed bed samples ca. 1 L is necessary.

All prices are in Euro excl. VAT and are valid for one individual sample. At longer payment terms than 30 days the price will be increased by 2 % for each 30 days prolongation.