mol. wt.	angstroms	microns						
		90						
		80	human hair					
		70						
		60			p			
		50	smallest visible		o			
		40	particle		l			
		30			l			
		20	ragweed pollen		e			
		10			n			
		9						
		8	red blood cell					
		7						
		6		b				
		5		a				
		4		c				
		3		t				
		2		e	y	f		
	10,000	1	staphylococcus	r	e	u		
		.9		i	a	n		
		.8		a	s	g	t	
		.7			t	i	o	↑
		.6					b	
	5,000	.5					a	E
		.4					c	L
		.3					c	E
		.2					o	C
1,000,000	1,000	.1						T
		.09					s	R
		.08					m	E
		.07					o	T
		.06			p		k	
500,000	500	.05			r		e	↓
		.04		v	o			
		.03		l	t			
		.02		r	e			
100,000	100	.01		u	l			
		.009		s	n			
		.008	albumin	e	s			
		.007		s				
		.006						
50,000	50	.005						
		.004						
		.003						
		.002						
10,000	10	.001						
		.0009		o				↑
		.0008		d				
		.0007		o				C
		.0006		r				B
	5	.0005		s				P
		.0004						
		.0003						↓
	2	.0002						
	1	.0001	carbon atom					

effective ranges

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