

Interactions of quaternary ammonium compounds with bile salts and anionic dyes.1975.

- - Modes of action of three disinfectant active substances: A review

DLS Data from T-EmrE, QCC		Intensity Peaks		
QCC	Ind. Peak <1	Ind. Peak 2	Ind. Peak 3	
	Dh (nm)	Dh (nm)	Dh (nm)	
T-EmrE	7.8 ± 1.4	236.4 ± 65.4		
Sphere forming QCC				
Tetraphenylammonium chloride (TPA)	6.9 ± 0.8	191.9 ± 20.0	987.1 ± 113.6	
Methyltriphenyl phosphonium bromide (MTP)	7.5 ± 1.1	174.7 ± 35.2	699.1 ± 188.0	
Tetraphenylphosphonium chloride (TPP)	7.1 ± 0.9	199.7 ± 23.7		
Poly-aromatic QCC				
Auriflavine (ACR)	6.8 ± 0.5	181.7 ± 22.3	304.0 ± 87.0	
Proflavine (PRO)	1620.0 ± 153.8			
Crystal Violet (CV)				
Rhodamine 6G (R6)	6.8 ± 0.9	236.2 ± 23.9		
Pyronin Y (PY)	2762.0 ± 226.4			
Hexamethylenetetramine (HE)	7.5 ± 0.8	231.1 ± 20.2		
Ethidium bromide (EB)	7.3 ± 1.3	216.3 ± 35.7		
Acyle-Chaines QCC				
Benzalkonium chloride (BZ)	6.6 ± 0.2	239.5 ± 17.3		
Myristalkonium chloride (14C chain) (MC)	7.9 ± 1.0	590.6 ± 166.4		
Cetalkonium chloride (Banjela) (16 Chain) (CTC)	7.7 ± 1.0	18.3 ± 3.0	550.3 ± 199.7	
Cetrimide (CTAB- cetrimonium bromide) (CET)	7.4 ± 1.0	155.5 ± 25.0	1128.0 ± 189.4	
Cetylpyridinium bromide (CB)	6.9 ± 0.8	188.7 ± 31.4	792.0 ± 152.0	
Stearyltrimethylammonium chloride (STAC)	7.4 ± 0.8	286.3 ± 35.0		
Cetylpyridinium chloride (CTP)	7.0 ± 1.0	223.3 ± 41.7		
Poly-charged QCC				
Dequalinium chloride (DC)	6.6 ± 0.8	227.0 ± 64.2	1047.0 ± 210.3	
Methyl Viologan (MV)	7.4 ± 1.4	252.4 ± 66.7		

Description: -

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Notes: Ph.D thesis of Council for National Academic Awards.

This edition was published in 1975



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Quaternary ammonium cation

Interfacial and Aggregation Behaviour of Sodium Dodecyl Sulphate Induced by Ionic Liquids. . The Journal of Physical Chemistry B 2008, 112 11 , 3339-3345.

Mechanism of the Mixed Surfactant Micelle Formation

The sorption data appeared to conform to a linear isotherm. Current Opinion in Green and Sustainable Chemistry 2020, 26 , 100382.

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Another pathway, however, is the transfer of the entire carbodiimide functionality from the quaternary ammonium to the peptide, adding 151 Da to DGAILDGAILED. Butts, Julian Eastoe, David Fermin, Isabelle Grillo, Huai-Chin Lee, David Parker, Daniela Plana, and Robert M.

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The calculations indicate that the transition state barrier for methyl transfer to acetate is 0.

Quaternary Ammonium Salts

The Journal of Physical Chemistry B 2012, 116 49 , 14363-14374. Aggregation Behavior of Amino Acid Ionic Liquid Surfactants in Aqueous Media.

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