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ARTICLE TYPE

Supplementary Information

Table 1 ANOVA table for PEG/Potassium Citrate and Iolilyte/Sodium Potassium Phosphate ATPS

A. PEG/Potassium citrate buffer system						
Response variable	Source	DF	SS	MS (variance)	F	p
Y1 (K_p)	Total	25	21.8679	0.874716		
	Total Corrected	24	0.295046	0.0122936		
	Regression	10	0.251596	0.0251596	8.1066	0.000
	Residual	14	0.04345	0.003104		
	Lack of Fit (Model Error)	12	0.039773	0.003314	1.80241	0.412
	Pure Error (Replicate Error)	2	0.003678	0.001839		
Y2 (Y_e)	Total	25	41.0448	1.64179		
	Total Corrected	24	1.16592	0.04858		
	Regression	10	1.06163	0.106163	14.2511	0.000
	Residual	14	0.104293	0.007449		
	Lack of Fit (Model Error)	12	0.100979	0.008415	5.079910	0.1760
	Pure Error (Replicate Error)	2	0.003313	0.001657		
B. Iolilyte 221 PG/Sodium-Potassium Phosphate buffer system						
Response variable	Source	DF	SS	MS (variance)	F	P
Y1(K_p)	Total	21	2.25375	0.107321		
	Total Corrected	20	1.16974	0.0584869		
	Regression	9	1.07299	0.119222	13.5559	0.000
	Residual	11	0.0967427	0.00879479		
	Lack of Fit (Model Error)	9	0.0944359	0.0104929	9.09748	0.103
	Pure Error (Replicate Error)	2	0.00230676	0.00115338		
Y2(Y_e)	Total	21	82.36	3.92191		
	Total Corrected	20	0.00106812	5.34058e-005		
	Regression	9	0.000982413	0.000109157	14.0105	0.000
	Residual	11	8.570211e-005	7.7911e-006		
	Lack of Fit (Model Error)	9	8.3292e-005	9.25466e-006	7.67977	0.120
	Pure Error (Replicate Error)	2	2.41014e-006	1.20507e-006		