

Table 2. Variance analysis for Ads(%) from the 4² DoE.

Source	Sum of Squares	f.d.	Medium Square	F-Ratio	p-Value
A:Dye	2.59932	1	2.59932	5.06	0.0482
B:x	2.14673	1	2.14673	4.18	0.0681
AA	2.6937	1	2.6937	5.24	0.045
AB	0.0905298	1	0.0905298	0.18	0.6835
BB	1.40323	1	1.40323	2.73	0.1294
Total Error	5.13621	10	0.513621		
Total (corr.)	17.3029	15			

R-squared = 70.3159%.