

Table 6. Lambert–Beer line equations and R².

Dye	Equation	R ²
Direct Blue 199 (B199)	$y = 21.784 x - 0.015$	0.9982
Reactive Yellow (YD)	$y = 14.943 x - 0.0021$	0.9993
Direct Red 23 (R23)	$y = 34.357 x - 0.0148$	0.9991
Direct Blue 71 (B71)	$y = 17.09 x - 0.0233$	0.9987