


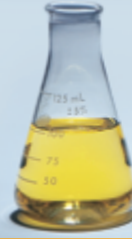
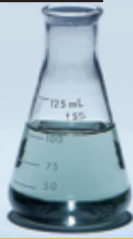




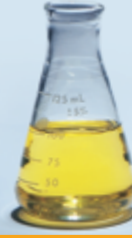







TABLE 6 *Color Ranges of Various Indicators Used in Titrations*

Titration type	Indicator	Acid color	Transition color	Base color
Strong acid/ strong base	methyl red (4.4–6.2)			
		3 4 5 6 7 8 9 10 11		
	bromthymol blue (6.2–7.6)			
Strong acid/ weak base	methyl orange (3.1–4.4)			
		0 1 2 3 4 5 6 7 8		
	bromphenol blue (3.0–4.6)			
Weak acid/ strong base	phenolphthalein (8.0–10.0)			
		4 5 6 7 8 9 10 11 12		
	phenol red (6.4–8.0)	