

Stability of FD&C Colors in the Presence of Various Acids and Bases

Color	10% Citric Acid	10% Acetic Aid	10% Na Bicarbonate	10% Na Hydroxide
FD&C Blue No.1	No Change	No Change	Slight fade after 1 week	Fades completely
FD&C Blue No.2	Completely faded after 1 week	Completely faded after 1 week	Fades completely	Yellower
FD&C Green No.3	No Change	No Change	No Change	Fades completely
FD&C Red No.3	Insoluble	Insoluble	No Change	Fades completely
FD&C Red No. 4	No Change	No Change	Slight fade after 1 week	Silghtly Yellower
FD&C Red No.40	No Change	No Change	Slightly bluer after 1 week	Much bluer after 1 week
FD&C Yellow No.5	No Change	No Change	No Change	Considerable fade after 1 week
FD&C Yellow No.6	No Change	No Change	No Change	Slight fade after 1 week