

Stability Data of Artificial Colours to Light, Heat, Alkali, Acid and SO₂

Colour	Light	Heat	Alkali	Fruit Acid	SO ₂
Quinoline Yellow	6	4	2 - 3	5	5
Tartrazine	6	5	2	5	5
Sunset Yellow	5	5	4	4	4
Erythrosine	3 – 4	4	3	1	5
Ponceau 4R	4	4	5	5	3
Allura Red AC	5 – 6	5	5	4	4
Carmoisine	6	4	3	5	4
Amaranth	6	5	3	4	3
Chocolate Brown HT	4	5	4	4	3
Green S	3	5	4	2	5
Brilliant Blue FCF	4 – 5	5	5	5	5
Indigo Carmine	2 – 3	1	1	1	1
Patent Blue V	7	4 – 5	2	4	3
Black PN	2	1	1	4	1

- The above data is based on current knowledge and experience and should be taken as a guideline only.
- Stability of colour is also dependent on concentration use.
- Number 1 – 6 represents lowest – highest degree of stability for Heat, Alkali, Fruit Acid and SO₂.
- Number 1 – 8 represents lowest – highest degree of stability for Light.