

## Indicators

Code	Product	CAS Number
02793	Alizarin Complexone 2 Hydrate	3952-78-1
02861	Alizarin Yellow GG	584-42-9
08138	Bromochlorophenol Blue Sodium Salt	102185-52-4
08142	Bromocresol Green Free Acid ACS	76-60-8
08146	Bromocresol Green Sodium Salt ACS	62625-32-5
08152	Bromocresol Purple Free Acid ACS	115-40-2
08156	Bromocresol Purple Sodium Salt ACS	62625-30-3
08162	Bromophenol Blue Free Acid ACS	115-39-9
08166	Bromophenol Blue Sodium Salt ACS	34725-61-6
08168	Bromopyrogallol Red	16574-43-9
08172	Bromothymol Blue Free Acid ACS	76-59-5
08176	Bromothymol Blue Sodium Salt ACS	34722-90-2
08440	Bromophenol Red Free Acid	2800-80-8
08443	Bromophenol Red Sodium Salt	102185-50-2
08490	Bromoxyleneol Blue	40070-59-5
09268	Calconcarboxylic Acid	3737-95-9
09330	Calmagite	3147-14-6
09798	Chlorophenol Red	4430-20-0
09801	Chlorophenol Red	4430-20-0
09803	Chlorophenol Red Sodium Salt	123333-64-2
11100	Congo Red	573-58-0
12100	o-Cresolphthalein	596-27-0
12103	o-Cresolphthalein Comp ACS	94442-10-1
12104	o-Cresolphthalein Complexone Sodium Salt	94442-10-1
12130	Meta-Cresol Purple	2303-01-7
12135	meta-Cresol Purple W/S	62625-31-4
12152	Cresol Red Free acid	1733-12-6
12157	Cresol Red Sodium Salt	62625-29-0
20320	Eriochrome Blue Black R	2538-85-4
20507	Ethyl Orange Sodium Salt	62758-12-7
20582	Ethyl Red Indicator	76058-33-8
21140	Fast Sulphon Black F	3682-47-1

23701	Fluorexon / Calcein	1461-15-0
34024	Iodine Indicator	9005-84-9
35198	p-Iodonitrotetrazolium Violet (INT)	146-68-9
46252	Litmus	1393-92-6
50202	Metalphthalein ACS	2411-89-4
50341	Methyl Orange ACS	547-58-0
50362	Methyl Red Free Acid ACS	493-52-7
50364	Methyl Red HCL ACS	63451-28-5
50368	Methyl Red Sodium Salt ACS	845-10-3
50390	Methylthymol Blue sodium salt ACS	1945-77-3
51601	Morin Hydrate	480-16-0
52151	Murexide ACS	3051-09-0
53359	Naphtholbenzein	145-50-6
53361	Naphthol Green B ACS	19381-50-1
53365	a-Naphtholphthalein	596-01-0
54310	Nitrazine Yellow	5423-07-4
54802	3-Nitrophenol, 99%	554-84-7
57620	Orange IV	554-73-4
61151	1-(2-Pyridylazo)-2-Naphthol	85-85-8
61179	P.A.R. Free Acid ACS	1141-59-9
61182	P.A.R. Monosodium ACS	16593-81-0
61213	Patent Blue VF	129-17-9
62272	Phenol Red Free Acid ACS	143-74-8
62277	Phenol Red Sodium Salt ACS	34487-61-1
62300	Phenolphthalein White ACS	77-09-8
62334	4-(Phenylazo)diphenylamine	101-75-7
64825	Pyrocatechol Violet	115-41-3
64854	Pyrogallol Red	32638-88-3
68150	Quinaldine Red	117-92-0
75900	SPADNS ACS	23647-14-5
78096	Thiazolyl Blue (MTT)	298-93-1
78173	Thorin I	3688-92-4
78174	Thorin I	3688-92-4
78182	Thymol Blue Free Acid ACS	76-61-9
78186	Thymol Blue Sodium Salt ACS	62625-21-2
78222	Thymolphthalein ACS	125-20-2
78225	Thymolphthalein complexone	1913-93-5
80027	Tropaeolin O	547-57-9
93050	Xylenol Blue	125-31-5

### PH Indicators (Visual Transition Interval)

<b>Indicator</b>	<b>pH Range and Color Change</b>
Methyl Violet 2B	Y 0.0 - 2.0 B
Crystal Violet	Y 0.0 - 1.8 B
Ethyl Violet	Y 0.0 - 3.5 B
Brilliant Green	Y 0.0 - 2.6 G
Malachite Green Oxalate	Y 0.2 - 1.8 B
Methyl Green	Y 0.2 - 1.8 B
Patent Blue VF	Y 0.8 - 3.0 B
Cresol Red **	R 1.0 - 2.0 Y
Quinaldine Red	C 1.0 - 2.2 R
Metanil Yellow	R 1.2 - 3.0 Y
4-Phenylazodiphenylamine	R 1.2 - 2.5 Y
m-Cresol Purple **	R 1.0 - 2.8 Y
Tropacolin O	Y/R 1.1 - 12.7 O
Thymol Blue **	R 1.2 - 2.8 Y
Basic Fuchsin	P 1.2 - 3.0 R
Methyl Red sodium salt ACS	K 1.2 - 3.4 Y
Orange IV	R 1.4 - 2.8 Y
Fast Garnet GBC Base	O 1.4 - 2.8 Y
Quinaldine Red	C 1.4 - 3.2 R
Benzopurourin 4B	V 1.2 - 4.0 R
Erythrosin B	O 2.2 - 3.6 R
Stains-all	C 2.4 - 3.4 P
Tetrabromophenolphthalein Ethyl Ester Potassium Salt	Y 3.0 - 4.2 B
Bromophenol Blue **	Y 3.0 - 4.6 B
Bromochlorophenol Blue	Y 3.0 - 4.6 B
Congo Red	B 3.0 - 5.0 R
Methyl Orange	R 3.2 - 4.4 Y
Ethyl Orange	R 3.2 - 4.8 Y
1-Naphthyl Red HCl	R/Y 3.7 - 5.0 O
Bromocresol Green **	Y 3.8 - 5.4 B
Resazurin	O 3.8 - 6.5 Y
Pyrogallol ACS	Y 3.8 - 6.6 R
Methyl Red **	K 4.2 - 6.2 Y

Lacmoid	R 4.2 - 6.4 B
Ethyl Red	R 4.5 - 6.5 Y
Litmus	R 4.5 - 8.3 B
Alizarin Red S	Y 4.6 - 6.0 R
Propyl Red	R 4.6 - 6.6 Y
Carminic Acid	Y 4.8 - 6.2 P
Hematoxylin	Y 5.0 - 6.0 V/B
o-Nitrophenol	C 5.0 - 6.2 Y
Mordant Black 11	R 5.0 - 6.5 B
Chlorophenol Red	Y 5.0 - 6.6 R
Bromocresol Purple **	Y 5.2 - 6.8 P
Bromophenol Red	O 5.2 - 6.8 P
p-Nitrophenol	C 5.4 - 7.6 Y
Bromoxyleneol Blue	O 5.7 - 7.5 B
Fluorexon / Calcein	LG 6.0 - 7.2 DG
Bromothymol Blue **	Y 6.0 - 7.6 B
Brilliant Yellow	Y 6.4 - 8.0 O
Xylenol Orange tetrasodium salt ACS	Y 6.4 - 10.4 R
Methylthymol Blue sodium salt ACS	Y 6.5 - 8.5 B
Phenol Red **	Y 6.8 - 8.4 R
Neutral Red	R 6.8 - 8.0 A
Aurin (Rosolic Acid)	Y 6.8 - 8.2 R
m-Nitrophenol	C 6.8 - 8.6 Y
Cresol Red **	Y 7.0 - 8.8 R
a-Naphtholphthalein	Br 7.1 - 8.3 B
Alizarin	R 7.2 - 12.4 P
Curcumin	Y 7.4 - 8.6 R
Meta Cresol Purple **	Y 7.4 - 9.0 P
Thymol Blue **	Y 8.0 - 9.2 B
Xylenol Blue	Y 8.0 - 9.6 B
Phenolphthalein	C 8.0 - 10.0 R
o-Cresolphthalein	C 8.2 - 9.8 R
Metalphthalein ACS	C 8.2 - 9.8 R
p-Naphtholbenzein	C 8.2 - 10.0 B
Thymolphthalein	C 8.8 - 10.5 B
Nile Blue A	B 10.0 - 11.0 P/R
Alizarin Yellow R	Y 10.0 - 12.0 R
Curcumin	R 10.2 - 11.8 O
Alizarin Yellow GG	C 10.0 - 12.0 Y

Pyrogallol ACS	P 10.6 - 13.0 P
Indigo Carmine	B 11.4 - 13.0 Y
Acid Fuchsin	R 12.0 - 14.0 C

For more information, please email our [Sales Department](#).

**Dudley Chemical Corporation**  
**125 Kenyon Drive, Lakewood, NJ 08701**  
**Tel: 732-886-3100 Fax: 732-886-3688**  
[dudley@dudley-chem.com](mailto:dudley@dudley-chem.com)

[ <http://www.dudley-chem.com> ]