

## TLC Applications by Compound Class

Application Group	Product Name	CAS Number	Pkg Size	Cat. No.
Aflatoxins	Fast Blue B Salt	14263-94-6	10, 100 g	D9805
Aliphatic Aldehydes	3-Methyl-2-benzothiazolinone hydrazone hydrochloride	38894-11-0	2.5, 10, 50 g	65875
Alkaloids	Dragendorff's reagent	39773-75-2	100 mL	44578
	Phosphomolybdic acid solution	12026-57-2	100, 500 mL	02553
	Potassium hexachloroplatinate(IV)	16921-30-5	1, 5, 25 g	520861
	Zinc chloride	7646-85-7	500 g, 1, 5 Kg	96470
Amines	Potassium hexachloroplatinate(IV)	16921-30-5	1, 5, 25 g	520861
	4-(Dimethylamino)benzaldehyde (Ehrlich's reagent)	100-10-7	50, 250 g	39070
	Ninhydrin	485-47-2	10, 100, 6 x 100 g	33437
	2,2-Dihydroxy-5-methoxy-1,3-indandione hydrate (5-Methoxyninhydrin)	304671-58-7	500 mg	341002
Antibiotics	4-(Dimethylamino)benzaldehyde (Ehrlich's reagent)	100-10-7	50, 250 g	39070
	Ninhydrin	485-47-2	10, 100, 6 x 100 g	33437
Amino Acids, Related Compounds	Ninhydrin	485-47-2	10, 100, 6 x 100 g	33437
	Sodium 1,2-naphthoquinone-4-sulfonate (Folin's reagent)	521-24-4	5, 10 g	70382
Antioxidants	Phosphomolybdic acid solution	12026-57-2	100, 500 mL	02553
Barbiturates	2,6-Dichlorophenolindophenol sodium salt hydrate	620-45-1	1, 5, 25 g	36180
	Mercury(II) chloride	7487-94-7	100, 500 g	31005
Base Metals (Pb, Zn, Cd, Cr, Cu, Fe, Mo)	Diphenylcarbazone	538-62-5	5, 25 g	42870
Bile Acids	Potassium dichromate	7778-50-9	250 g, 1, 50 Kg	31255
Cyanides	2,6-Dibromoquinone-4-chloroimide	537-45-1	10 g	34080
Dienes	Tetracyanoethylene	670-54-2	1, 5, 10, 25 g	T8809
Flavanoids and Foodstuffs	2-Aminoethyl diphenylborinate	524-95-8	5, 25 g	42810
	Bromocresol Green solution	76-60-8	500 mL	02559
	Antimony(III) chloride reagent (free of CHC)	-	100 mL	21623
Glycolipids	Orcinol monohydrate	6153-39-5	5, 10, 100 g	O1875
Glycosids	Lead tetraacetate	546-67-8	25, 100, 500 g	15370
Glycine	4-Chloro-7-nitrobenzofurazan	10199-89-0	1, 5, 25 g	25455
Halogens	Chloramine T trihydrate	7080-50-4	50, 250, 1000 g	23270
Hexylamine	Dansyl chloride	605-65-2	1, 5, 50 g	39220
	2-Methoxy-2,4-diphenyl-3(2H)-furanone	50632-57-0	25, 100 mg	64958
Indole Derivatives	4-(Dimethylamino)benzaldehyde (Ehrlich's reagent)	100-10-7	50, 250 g	39070
Iron	2,2'-Bipyridyl	366-18-7	5, 25, 100 g	14454
Lipids	Antimony(III) chloride reagent (free of CHC)	-	100 mL	21623
	Bromothymol Blue	76-59-5	5, 25 g	114413
	Dragendorff's reagent	39773-75-2	100 mL	44578
	Molybdenum Blue spray reagent	-	100 mL	M1942
	Ninhydrin	485-47-2	10, 100, 6 x 100 g	33437
	Orcinol monohydrate	6153-39-5	5, 10, 100 g	O1875
	Rhodamine B solution	81-88-9	100 mL	02558
Nickel	Dimethylglyoxime	95-45-4	25, 100 g	33133
Nitrate and Nitrite	N-(1-Naphthyl)ethylenediamine dihydrochloride monomethanolate	1465-25-4	25, 100 g	70720
Organic Acids	Bromocresol Green solution	76-60-8	500 mL	02559
Osazones	N,N,N',N'-Tetramethyl-1,4-phenylenediamine dihydrochloride	637-01-4	5, 25 g	87890
Phenols	Tetrachloro-1,4-benzoquinone	118-75-2	25, 100 g	232017
	2,6-Dibromoquinone-4-chloroimide	537-45-1	10 g	34080
	Phosphomolybdic acid solution	12026-57-2	100, 500 mL	02553
Precious metals (Cu, Ag, Au, Hg, Pt)	5-(4-Dimethylaminobenzylidene)rhodanine	536-17-4	10 g	39090
Steroids	Antimony(III) chloride reagent (free of CHC)	-	100 mL	21623
	4-(Dimethylamino)benzaldehyde (Ehrlich's reagent)	100-10-7	50, 250 g	39070
	Phosphomolybdic acid solution	12026-57-2	100, 500 mL	02553
Sugars and Derivatives	Ninhydrin	485-47-2	10, 100, 6 x 100 g	33437
	2',7'-Dichlorofluorescein solution	76-54-0	500 mL	02591
	Lead tetraacetate	546-67-8	25, 100, 500 g	15370
Terpenes	Phosphomolybdic acid solution	12026-57-2	100, 500 mL	02553
Urobilinogene	5-(4-Dimethylaminobenzylidene)rhodanine	536-17-4	10 g	39090
Vitamins	Antimony(III) chlorider eagent (free of CHC)	-	100 mL	21623
	Potassium hexachloroplatinate(IV)	16921-30-5	1, 5, 25 g	520861