

TLC Stain Recipes

<p>Anisaldehyde</p> <p>9.2 mL <i>p</i>-methoxybenzaldehyde 3.75 mL acetic acid 338 mL 95% ethanol 12.5 mL concentrated H₂SO₄</p>	<p>Phosphomolybdic Acid</p> <p>230 g phosphomolybdic acid 3.79 L 95% ethanol</p>
<p>Potassium Permanganate</p> <p>3 g potassium permanganate 20 g potassium carbonate 5 mL 5% sodium hydroxide 300 mL water</p>	<p>Ninhydrin</p> <p>1.5 g ninhydrin 5 mL acetic acid 500 mL 95% ethanol</p>
<p>Vanillin</p> <p>60 g vanillin 1 L 95% ethanol 10 mL concentrated H₂SO₄</p>	<p>Cerium Sulfate</p> <p>8 g cerium sulfate • 2 H₂SO₄ 100 mL 15% sulfuric acid</p>
<p>Dinitrophenylhydrazine</p> <p>12 g 2,4-dinitrophenylhydrazine 60 mL concentrated H₂SO₄ 80 mL water 200 mL 95% ethanol</p>	<p>Copper Sulfate</p> <p>3% w/v cupric sulfate 15% phosphoric acid</p>
<p>Erlich Reagent</p> <p>1 g <i>p</i>-dimethylaminobenzaldehyde 75 mL methanol 50 mL concentrated HCl</p>	<p>Cerium Ammonium Molybdate</p> <p>50 g ammonium molybdate 2 g cerium sulfate 900 mL water 100 mL concentrated H₂SO₄</p>