

## Alcian Blue (pH 1.0) Stain Kit

### Kit Contents:

<u>Item #</u>	<u>Description</u>	<u>Volume</u>	<u>Storage Conditions</u>
ANA250	Alcian Blue, pH 1.0	250 ml	Room Temperature
SOH250	Safranin O Solution	250ml	Room Temperature
AAG500	Acetic Acid Solution	500 ml	Room Temperature

<b>PRODUCT NAME:</b>	Alcian Blue Solution, pH 1.0
<b>CATALOG #:</b>	ANA
<b>PRODUCT DESCRIPTION:</b>	Laboratory reagent. Component used in the Alcian Blue (pH 1.0) Stain Kit (Cat# AFT-1).
<b>COMPOSITION:</b>	Water, CAS# 7732-18-5 Acetic Acid, CAS# 64-19-7 Alcian Blue, CAS# 75881-23-1 May contain additional non-hazardous proprietary ingredients.
<b>PHYSICAL DATA:</b>	
<b>APPEARANCE / ODOR</b>	Blue liquid, mild acetic acid odor.
<b>SOLUBILITY IN WATER</b>	Soluble.
<b>VAPOR DENSITY</b>	N/A
<b>VAPOR PRESSURE</b>	N/A
<b>EVAPORATION RATE</b>	N/A
<b>MELTING POINT</b>	N/A
<b>BOILING POINT</b>	N/A
<b>FLASH POINT</b>	Aqueous solution.
<b>AUTO-IGNITION POINT</b>	Aqueous solution.
<b>LOWER EXPLOSIVE LIMIT IN AIR</b>	Aqueous solution.
<b>UPPER EXPLOSIVE LIMIT IN AIR</b>	Aqueous solution.
<b>FIRE AND EXPLOSION HAZARD DATA:</b>	Extinguish fire using water spray, carbon dioxide, chemical foam, or dry chemical. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.) No unusual fire or explosion hazards expected.
<b>REACTIVITY DATA:</b>	
<b>STABILITY</b>	Stable under normal temperatures and pressures.
<b>INCOMPATIBLE MATERIALS</b>	Strong oxidants.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None.
<b>HAZARDOUS POLYMERIZATION</b>	None reported.
<b>HEALTH HAZARD DATA:</b>	
<b>ACUTE EFFECTS:</b>	<b>Eye Contact:</b> May cause irritation and redness. <b>Skin Contact:</b> May irritate skin. <b>Ingestion:</b> May irritate gastrointestinal system. <b>Inhalation:</b> May irritate respiratory tract.

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<b>CHRONIC EFFECTS:</b>	<b>Eye Contact:</b> Unknown. <b>Skin Contact:</b> Unknown. <b>Ingestion:</b> Unknown. <b>Inhalation:</b> Unknown.									
<b>FIRST AID:</b>	<b>Eye Contact:</b> Immediately flush eyes with copious amounts of water and get immediate medical attention. <b>Skin Contact:</b> Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops. <b>Inhalation:</b> Remove person to fresh air. Get medical attention if symptoms worsen. <b>Ingestion:</b> Get immediate medical attention.									
<b>ADDITIONAL INFORMATION:</b>										
<b>HMIS HAZARD CODES:</b>	<table border="1"> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td>B</td> </tr> </table>	HEALTH	1	FLAMMABILITY	0	PHYSICAL HAZARD	0	PERSONAL PROTECTION	B	
HEALTH	1									
FLAMMABILITY	0									
PHYSICAL HAZARD	0									
PERSONAL PROTECTION	B									
<b>SPILL OR LEAK PROCEDURES:</b>	Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.									
<b>WASTE DISPOSAL METHOD:</b>	Observe all federal, state and local environmental regulations.									
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	Wear protective clothing. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep tightly closed. Irritant. Keep container tightly closed. Avoid breathing vapor.									
<b>ADDITIONAL COMMENTS:</b>	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.									

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<b>PRODUCT NAME:</b>	Safranin O Solution
<b>CATALOG #:</b>	SOH
<b>PRODUCT DESCRIPTION:</b>	Laboratory reagent.
<b>COMPOSITION:</b>	Water, CAS# 7732-18-5 Safranin O, CAS# 477-73-6 Acetic Acid, CAS# 64-19-7 May contain additional non-hazardous proprietary ingredients.
<b>PHYSICAL DATA:</b>	
<b>APPEARANCE / ODOR</b>	Red liquid. Very mild odor.
<b>SOLUBILITY IN WATER</b>	Soluble.
<b>VAPOR DENSITY</b>	N/A
<b>VAPOR PRESSURE</b>	N/A
<b>EVAPORATION RATE</b>	N/A
<b>MELTING POINT</b>	N/A
<b>BOILING POINT</b>	N/A
<b>FLASH POINT</b>	Aqueous solution.
<b>AUTO-IGNITION POINT</b>	Aqueous solution.
<b>LOWER EXPLOSIVE LIMIT IN AIR</b>	Aqueous solution.
<b>UPPER EXPLOSIVE LIMIT IN AIR</b>	Aqueous solution.
<b>FIRE AND EXPLOSION HAZARD DATA:</b>	Extinguish fire using water spray, carbon dioxide, chemical foam, or dry chemical. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.) Emits toxic fumes under fire conditions.
<b>REACTIVITY DATA:</b>	
<b>STABILITY</b>	Stable under normal temperatures and pressures.
<b>INCOMPATIBLE MATERIALS</b>	Strong oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas.
<b>HAZARDOUS POLYMERIZATION</b>	None reported.
<b>HEALTH HAZARD DATA:</b>	
<b>ACUTE EFFECTS:</b>	<b>Eye Contact:</b> May cause irritation and redness. <b>Skin Contact:</b> May irritate skin. <b>Ingestion:</b> May irritate gastrointestinal system. <b>Inhalation:</b> May irritate respiratory tract.
<b>CHRONIC EFFECTS:</b>	<b>Eye Contact:</b> Unknown. <b>Skin Contact:</b> Unknown. <b>Ingestion:</b> Unknown. <b>Inhalation:</b> Unknown.
<b>FIRST AID:</b>	<b>Eye Contact:</b> Immediately flush eyes with copious amounts of water and get immediate medical attention. <b>Skin Contact:</b> Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops. <b>Inhalation:</b> Remove person to fresh air. Get medical attention if symptoms worsen. <b>Ingestion:</b> Get immediate medical attention.

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<b>SPILL OR LEAK PROCEDURES:</b>	Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus. Keep material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.								
<b>WASTE DISPOSAL METHOD:</b>	Observe all federal, state and local environmental regulations.								
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	Wear protective clothing. Avoid contact with skin and eyes. Wash thoroughly after handling. Keep tightly closed. Irritant. Keep container tightly closed. Avoid breathing vapor.								
<b>ADDITIONAL COMMENTS:</b>	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ScyTek Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.								

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<b>PRODUCT NAME:</b>	Acetic Acid Solution (3%)
<b>CATALOG #:</b>	AAG
<b>PRODUCT DESCRIPTION:</b>	Laboratory reagent.
<b>COMPOSITION:</b>	Water, CAS# 7732-18-5 Acetic Acid, CAS# 64-19-7 May contain additional non-hazardous proprietary ingredients.
<b>PHYSICAL DATA:</b>	
<b>APPEARANCE / ODOR</b>	Clear, colorless liquid. Mild acetic acid (vinegar) odor.
<b>SOLUBILITY IN WATER</b>	Soluble.
<b>VAPOR DENSITY</b>	N/A
<b>VAPOR PRESSURE</b>	N/A
<b>EVAPORATION RATE</b>	N/A
<b>MELTING POINT</b>	N/A
<b>BOILING POINT</b>	100° C.
<b>FLASH POINT</b>	Aqueous solution.
<b>AUTO-IGNITION POINT</b>	Aqueous solution.
<b>LOWER EXPLOSIVE LIMIT IN AIR</b>	Aqueous solution.
<b>UPPER EXPLOSIVE LIMIT IN AIR</b>	Aqueous solution.
<b>FIRE AND EXPLOSION HAZARD DATA:</b>	Extinguish fire using water spray, carbon dioxide, chemical foam, or dry chemical. Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.) Acetic acid vapors may form explosive mixtures with air under fire conditions.
<b>REACTIVITY DATA:</b>	
<b>STABILITY</b>	Stable.
<b>INCOMPATIBLE MATERIALS</b>	Reactive with strong oxidizing agents, reducing agents, metals, acids, and alkalis.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Oxides of carbon.
<b>HAZARDOUS POLYMERIZATION</b>	None reported.
<b>HEALTH HAZARD DATA:</b>	
<b>ACUTE EFFECTS:</b>	<b>Eye Contact:</b> May cause irritation and redness. <b>Skin Contact:</b> May irritate skin. <b>Ingestion:</b> May irritate gastrointestinal system. <b>Inhalation:</b> May irritate respiratory tract.
<b>CHRONIC EFFECTS:</b>	<b>Eye Contact:</b> Unknown. <b>Skin Contact:</b> Unknown. <b>Ingestion:</b> Unknown. <b>Inhalation:</b> Unknown.
<b>FIRST AID:</b>	<b>Eye Contact:</b> Immediately flush eyes with copious amounts of water and get immediate medical attention. <b>Skin Contact:</b> Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops. <b>Inhalation:</b> Remove person to fresh air. Get medical attention if symptoms worsen. <b>Ingestion:</b> Get immediate medical attention.

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