

# *ATOM SCIENTIFIC*



# M I C R O B I O L O G Y



2014

Where Quality comes first



# Delivering Excellence in Quality and Service

Atom Scientific is a specialised manufacturer of diagnostic reagents with over 50 years in delivering exceptional products to the life science industry.

We sustain large stock levels and have the expertise to formulate bespoke reagents. So we can deliver what you need, when you need it ...

## About Us

Atom Scientific is one of the rare few independent specialist stain manufacturers and suppliers remaining in the UK.

We deliver the most extensive range of special stains and stain kits, life science reagents, combined with a range of 9,000 + fine chemicals, solvents, volumetric solutions and biological buffers.

Our worldwide manufacturing and distribution facility in Manchester, UK, supported by offices in Europe and South East Asia, holds extensive stocks of all products for immediate despatch, delivering the service the modern day laboratory requires.

[www.atomsscientific.com](http://www.atomsscientific.com)

## Information service

Atom provide a valuable Technical Resource on our website, which includes full hazard information, Certificates of Analysis for all batches and full MSDS information.



## Quality

Conforming to the strict standards required by the MHRA, all of our diagnostic reagents comply with the guidelines and are licensed to carry the CE/IVD mark of approval.



All products are manufactured and supplied in accordance with 2012 Reach regulations.

In 2012 our facility and management systems were successfully accredited to ISO9001 by UKAS.

## Buy Online

Our website contains full listings and descriptions of all products available.

Uniquely Atom lists all of our prices on-line for reference or direct purchase.

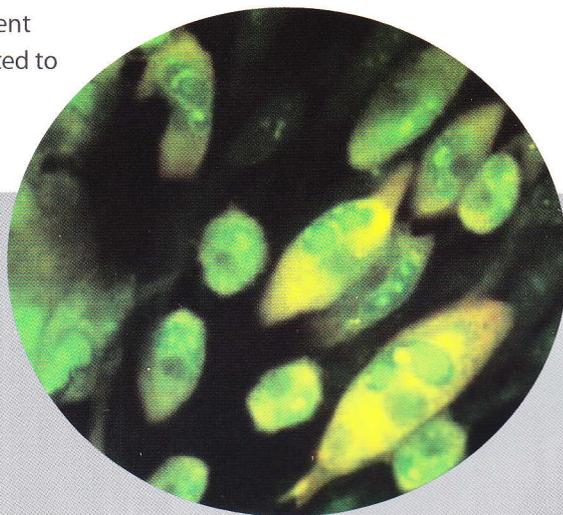
## Product Testing

Our in house Life Science Laboratory, staffed by experienced Histologists tests all products microscopically prior to approval for sale to enable us to deliver batch-to-batch consistency and reliability.



## Bespoke Manufacturing

Atom Scientific also offers a bespoke manufacturing for any liquid requirement. Our expert team have over 50 years of combined experience in formulating, manufacturing and quality controlling specialist manufacture and can assist in the delivery of your specific requirements.



You can talk to our friendly team, find out more and order by telephone :

Telephone +44 (0)161 320 0068



# **ATOM SCIENTIFIC**

A High Quality Product Range focussed on delivering products to enable science to detect illness, develop cures and to improve the quality of life

## Range

The extensive range of stains, reagents and related products that Atom Scientific offers is set out over the following pages:

Acids	11
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Solvents	11
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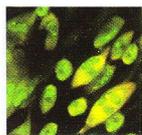
Delivering modern high quality reagents & chemicals, where you want them, when you want them



## Ready to use stains

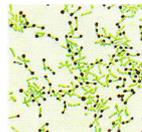
A selection of ready to use stains commonly used in Microbiology Life Science Laboratories.

### Acridine Orange



Acridine orange is a nucleic acid selective fluorescent cationic dye useful for cell cycle determination

### Alberts Stain



A special stain used to demonstrate the metachromatic granules formed in the polar regions.

Alberts Stain I  
Alberts Stain II

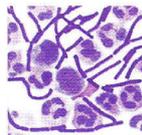
### Auramine Phenol



A fluorescent stain used to identify tuberculosis mycobacteria

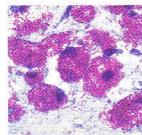
Auramine Phenol Lempert  
Auramine Rhodamine Phenol

### Carbol Fuchsin Gram



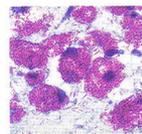
A common counter stain used in the Gram Protocol to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

### Carbol Fuchsin Kinyoun



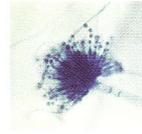
Used to demonstrate acid-fast bacteria (AFB), such as Mycobacterium in a cold protocol where no heating is required.

### Carbol Fuchsin ZN



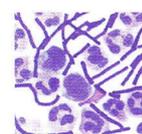
Used to demonstrate M-Tuberculosis and other acid fast organisms in tissue sections and smear.

### Cotton Blue Lactophenol



Used for the staining and microscopic identification of fungi

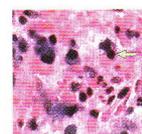
### Crystal Violet



A common component used in the Gram Protocol to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

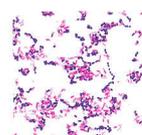
Crystal Violet 0.5% Aqueous  
Crystal Violet 5% Aqueous  
Crystal Violet 5% Alcoholic

### Crystal Violet Oxalate



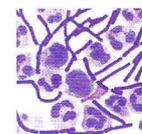
Crystal Violet Oxalate Hucker & Conn is a modified solution used as an alternative in Gram Staining. Hucker found that as the stain aged, it gave sharper and clearer results

### Crystal Violet Nicolle



Crystal Violet Nicolle is a modified phenolic solution used a differential staining based on the structure of the bacteria wall which is different whether it concerns Gram-positive bacteria

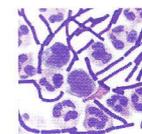
### Gentian Violet



A common component used in the Gram Protocol to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

Gentian Violet 0.5% Aqueous  
Gentian Violet 1% Aqueous  
Gentian Violet 5% Aqueous  
Gentian Violet 10% Alcoholic

### Grams Iodine



A common component used in the Gram Protocol to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

### Immersion Oil

A stable, non-drying, non-hardening fluid, safe to use with valuable optics and irreplaceable slide specimens. This is a teratologically tested non hazardous product. A range of Refractive Indexes are available:

R.I. 1.14-1.15  
R.I. 1.4701  
R.I. 1.50-1.51  
R.I. 1.517-1.518  
R.I. 1.515

### Indian Ink

Is used to determine if a cell has a gelatinous capsule. common application of this procedure in the clinical microbiology laboratory is to confirm the morphology of the encapsulated yeast Cryptococcus spp. which cause cryptococcal meningitis

## Stain Concentrates

A selection of specially formulated 10 x concentrated stains, which when diluted make ready to use stains.

Ideal for reducing shipping costs as well as saving valuable storage space within your laboratory.

Auramine Phenol Lempert

Carbol Fuchsin Gram

Carbol Fuchsin ZN

Crystal Violet

Gram Fuchsin

Grams Iodine

Lugols Iodine

Malachite Green

Methyl Violet 6B

Neutral Red Aqueous

Neutral Red Jensen

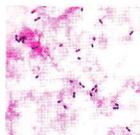
Potassium Permanganate

Safranin O

## Lactophenol

Commonly used to make stains used to stain fungi in wet preparations.

## Lugols Iodine



A common component used in the Gram Protocol to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

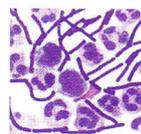
## Neisser Stain



For the demonstration of filamentous bacteria

Neisser Stain A  
Neisser Stain B  
Neisser Stain C  
Neisser Stain D

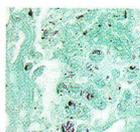
## Safranin O



A common component used in the Gram Protocol to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

Safranin O 0.5% Aqueous  
Safranin O 1% Aqueous  
Safranin O 1% Alcoholic

## Malachite Green



A common counterstain used to demonstrate M-Tuberculosis and other acid fast organisms in tissue sections and smear.

## Neutral Red



A common counter stain used in the Gram Protocol to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

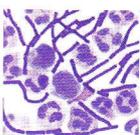
Neutral Red 0.5% Aqueous  
Neutral Red 1% Aqueous  
Neutral Red Jensen  
Neutral Red 1% Alcoholic

## Sodium Hypochlorite

A selection of Sodium Hypochlorite solutions with multiple uses within the laboratory environment.

Sodium Hypochlorite 4-4.9% Active Chlorine  
Sodium Hypochlorite 6-14 % Active Chlorine  
Sodium Hypochlorite 14 % Active Chlorine

## Methyl Violet 6B Jensen



An alternative component used in the Gram Protocol to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

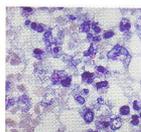
Methyl Violet 6B 0.5% Aqueous  
Methyl Violet 6B 1% Aqueous

## Toluidine Blue 1%



Used to demonstrate Nissl substance and mast cell granules

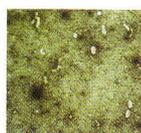
## Methylene Blue



A variety of Methylene Blue solutions used in various protocols in Microbiology.

Methylene Blue 1% in 20% Ethanol  
Methylene Blue 1% Alcoholic  
Methylene Blue 1% Aqueous  
Methylene Blue Neutralised  
Methylene Blue Loeffler  
Methylene Blue McFadyean  
Methylene Blue Unna

## Nigrosin



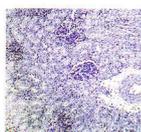
Nigrosin is commonly used as a 'negative' stain for bacterial capsules. The stain will not penetrate the capsule and instead floods the background with colour leaving the bacteria translucent and colourless

## Toluidine Blue Ponder



It is a blue nuclear counterstain, and can be used to demonstrate Nissl substance and is also useful for staining mast cell granules.

## Potassium Permanganate



A common counterstain used in fluorescent protocols used to identify tuberculosis mycobacteria



## Differentiators

A select range of carefully calibrated differential solutions used in various microbiological protocols:

### GRAM

Gram Differentiator is an alcohol/acetone mixture commonly used as part of a Gram Staining Kit.

When applied the tissue background and certain species of micro-organisms lose their staining but take up a counterstain of contrasting colour (usually red) subsequently applied.

### TB

An acidic alcohol solution used for differentiating tissue sections in carbol Fuchsin based staining protocols for M-Tuberculosis and other acid fast organisms.

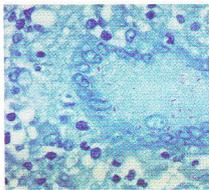
### Auramine

A ionic acidified alcoholic solution commonly used to differentiate/decolourise Auramine Phenol based protocols.

## Special Stain Kits

An extensive range of high quality stain kits designed and manufactured to deliver improved and consistent diagnostic interpretation for your consultants to aid you in your turn around time

### AFB Stain



Used for the staining of acid-fast bacteria (AFB), such as Mycobacterium.

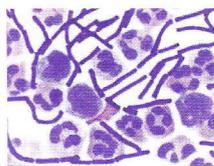
No heating or time dependent decolorization steps are required.

Acid Fast Bacilli - Magenta/Red  
Background Material - Green  
Collagen - Red

#### Components

Carbol Fuchsin Kinyoun  
TB Differentiator  
Light Green or Methylene Blue Counterstain

### Gram Stain



Used to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

Gram Positive Organisms - Blue/Black  
Gram Negative Organisms - Red  
Nuclei - Red

#### Components

Crystal Violet Solution  
Grams Iodine  
Gram Differentiator

#### Available Counterstains:

Safranin O  
Gram Fuchsin  
Neutral Red

### Gram Stain Nicolle



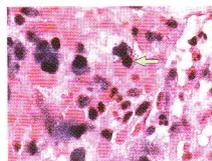
Gram-Nicolle staining is a differential staining based on the structure of the bacteria wall which is different whether it concerns Gram-positive bacteria or Gram-negative bacteria

Gram Positive Organisms - Blue/Black  
Gram Negative Organisms - Red  
Nuclei - Red

#### Components

Crystal Violet Phenolic Solution  
Lugols Iodine  
Gram Differentiator  
Carbol Fuchsin ZN

### Gram Stain Hucker & Conn



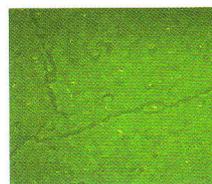
Used to demonstrate Gram Positive and Gram Negative Micro-organisms in tissue sections and/or smears.

Gram Positive Organisms - Blue/Black  
Gram Negative Organisms - Red  
Nuclei - Red

#### Components

Crystal Violet Oxalate  
Lugols Iodine  
Gram Differentiator  
Gram Fuchsin or Safranin

### TB Stain Kit I



An acid-fast fluorescent stain kit, used to stain smears of specimens and cultures suspected to contain mycobacteria, especially Mycobacterium tuberculosis

Mycobacteria - Golden Yellow Rods  
Background - Dark Green

#### Components

Auramine Phenol Lempert  
Auramine Differentiator  
Potassium Permanganate

### TB Stain Kit II



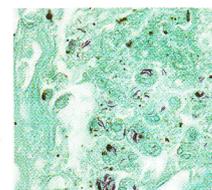
An acid-fast fluorescent stain kit, used to stain smears of specimens and cultures suspected to contain mycobacteria, especially Mycobacterium tuberculosis

Mycobacteria - Golden Yellow Rods  
Background - Dark Green

#### Components

Auramine Rhodamine Phenol  
Auramine Differentiator  
Potassium Permanganate

### Cold ZN Stain (AFB)



(Kinyoun/AFB)

Used for the staining of acid-fast bacteria (AFB), such as Mycobacterium.

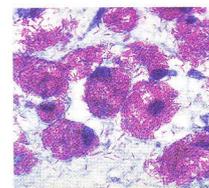
No heating or time dependent decolorization steps are required.

Acid Fast Bacilli - Magenta/Red  
Background Material - Green  
Collagen - Red

#### Components

Carbol Fuchsin Kinyoun  
TB Differentiator  
Light Green or Methylene Blue Counterstain

### ZN Stain



Used for the demonstration of M-Tuberculosis and other acid fast organisms in tissue sections and smears.

Acid Fast Bacilli (M.tuberculosis) - Magenta/Red  
Background - Green

#### Components

Carbol Fuchsin ZN  
TB Differentiator  
  
Counterstain Available:  
Malachite Green  
Methylene Blue

If you prefer to make your own Microbiology Stains, all components are available separately:

Absolute Ethanol  
Acetic Acid  
Acetone  
Acid Fuchsin  
Acridine Orange  
Auramine O  
Basic Fuchsin  
Bismark Brown Cotton Blue

Chrysoidin  
Crystal Violet  
di-Sodium Hydrogen Orthophosphate  
Ferrous Sulphate  
Gentian Violet  
Hydrochloric Acid 37%  
Iodine  
Industrial Methylated Spirits 99%

Isopropanol  
Lactic Acid  
Malachite Green Oxalate  
Methanol  
Methylene Blue USP  
Methyl Violet 6B  
Neutral Red  
Nigrosin Water Soluble

Potassium Hydrogen Orthophosphate  
di-Potassium Hydrogen Orthophosphate  
Phenol Detached Crystal  
Phenol Liquid 89%  
Potassium Hydroxide Flake  
Potassium Hydroxide Pellets  
Potassium Iodide  
Potassium Permanganate

Safranin O  
Sodium Azide  
Sodium di-Hydrogen Orthophosphate  
Tannic Acid  
Touidine Blue

## Biological Dry Dyes

An extensive range of both Standard and Stain commission Certified Dry Dyes is available for use in the production of Special Stains and reagents for all disciplines

### A

Acid Fuchsin  
Acridine Orange  
Acridine Orange Base  
Acridine Orange HCL  
Acridine Yellow G  
Acriflavine Neutral  
Acriflavine HCL  
Alcian Blue 8GX  
Alcian Yellow  
Alizarin Cyanin Green  
Alizarin Red S  
Alizarin Yellow GG  
Alizarin Yellow  
Sodium Salt  
Alkalie Blue 6B  
Amaranth  
Amido Black 10B  
Aniline Blue  
Auramine O  
Azur I  
Azur II  
Azur II Eosinate  
Azur A  
Azur B

### B

Basic Fuchsin  
Biebrich Scarlet  
Bismark Brown R  
Bismark Brown Y  
Brilliant Black BN  
Brilliant Blue G250  
Brilliant Blue R250

Brilliant Cresyl Blue  
Brilliant Crocein  
Brilliant Yellow  
Brillinat Green  
Bromocresol Green  
Bromocresol Purple

### C

Carmine BPC  
Carminic Acid 50%  
Carminic Acid 95%  
Celestine Blue  
Chicago Sky Blue 6B  
Chlorazol Black E  
Chromotrope 2R  
Chromotrope 2B  
Chrysioidine Y  
Congo Red  
Coomassie Blue R250  
Coomassie Blue G250  
Cotton Blue  
Cresyl Violet Acetate  
Crocein Orange G  
Crocein Scarlet 7B  
Crystal Scarlet  
Crystal Ponceau  
Crystal Violet  
Crystal Violet Lactone

### E

Eosin B  
Eosin B Spirit Soluble  
Eosin Y  
Eriochrome Black T

Eriochrome Blue Black B  
Eriochrome Cyanin  
Erioglaucine  
Erythrosin B Spirit Sol  
Erythrosin B  
Ethyl Eosin  
Ethyl Violet  
Evans Blue

### F

Fast Red Salt  
Fast Blue BB Salt  
Fast Garnet GBC  
Fast Green FCF  
Fast Sulphon Black F  
Fat Brown RR  
Fields Stain A  
Fields Stain B  
Fluorescein W/S  
Fluorescein Free Acid  
Fuchsin Acid  
Fuchsin Acid Sodium Salt  
Fuchsin Basic

### G

Gallyocyanine  
Gentian Violet  
Giemsa Stain  
Guinea Green B

### H

Haematoxylin

### I

Indigo Carmine  
Indiocyanine Green  
Iodine Prills BP 98

### J

Janus Black  
Janus Green B  
Jenner Stain

### L

Lacmoid  
Leishman Stain  
Lissamine Green B  
Light Green SF  
Luxol Fast Blue MBN

### M

Malachite Green HCL  
Malachite Green Oxalate  
Martius Yellow  
May Grunwald  
Meldola's Blue  
Metanil Yellow  
Methyl Blue  
Methyl Green  
Methyl Violet  
Methyl Violet 2B  
Methylene Blue USP  
Methylene Green  
Methylene Violet 3RAX

### N

Naphtol Green  
Neutral Red  
New Cocchine  
New Fuchsin  
New Methylene Blue  
Nigrosin W/S  
Nigrosin Alcohol Soluble  
Nile Blue  
Nile Red  
Nuclear Fast Red

### O

Oil Red O  
Orange II  
Orange IV  
Orange G  
Orcein Synthetic

### P

Pararosaniline Base  
Pararosaniline Acetate  
Pararosaniline HCL  
Patent Blue V  
Patent Blue VF  
Phloxine B  
Phosphotungstic Acid  
Ponceau de Xylidine  
Ponceau S for Electrophoresis  
Ponceau 4R  
Purpurin  
Pyronin B  
Pyronin Y

### R

Reactive Blue 2  
Reactive Blue 4  
Rhodamine B  
Rhodamine 6G  
Rose Bengal  
Rosolic Acid

### S

Saffron  
Safranin O  
Sirius Light Blue  
Sirius Red  
Solvent Red 27  
Stains All  
Sudan Black B  
Sudan I  
Sudan II  
Sudan III  
Sudan IV  
Sudan Orange  
Sudan Red 7B

### T

Tartrazine  
Thioflavin T  
Toluidine Blue O  
Tropaeolin  
Trypan Blue

### V

Victoria Blue B  
Victoria Blue R

### W

Water Blue 1  
Wrights Stain

### X

Xylene Cyanol FF  
Xylidine Ponceau 2R

## Stain Commission Certified Dry Dyes

Alcian Blue 8GX  
Alizarin Red S  
Aniline Blue W/S  
Bismark Brown Y  
Brilliant Cresyl Blue  
Brilliant Green

Carmine (Alum Lake)  
Chlorazol Black E  
Cresyl Violet Acetate  
Crystal Violet  
Eosin B  
Eosin Y

Erythrosin B  
Ethyl Eosin  
Fuchsin Acid  
Fuchsin Acid Calcium Salt  
Fuchsin Basic  
Giemsa Stain

Haematoxylin  
Indigo Carmine  
Janus B  
Jenner Stain  
Light Green S.F.  
Methylene Blue  
Methyl Green

Neutral Red  
Nile Blue A  
Oil Red O  
Orange II  
Orange G  
Orcein  
Pararosaniline HCL

Phloxine B  
Pyronin Y  
Pyronin B  
Rose Bengal  
Safranin O  
Sudan III  
Sudan IV

Sudan Black B  
Thionin Acetate  
Wrights Stain

# Slide & Staining Accessories

## Staining Accessories

A handy selection of staining accessories used in every modern day life science laboratory.



### Safety Gloves

A range of Nitrile and Latex Safety Gloves, ideal for use within any laboratory.

### Coplin Jar

Glass Coplin jar with drop on lid to take 5 microscope slides 76x26mm, or 10 slides back to back.



### Electronic Timers

A range of digital count down/count up timers suitable for use in any laboratory.



### Hellendahl Jar

Glass Hellendahl staining jar with drop on lid and grooves to accept 8 microscope slides 76x26mm, or 16 slides back to back



### Pre-Printed Wash Bottles

Round shape in flexible natural polyethylene (LPE) with integral valve mechanism which automatically vents any volatile vapour, depressurising the bottle and eliminating potentially hazardous liquid "drip". Printed with a variety of solvent labels. The printing has been tested for solvent resistance and contains a selection of reach compliant risk and safety phrases and hazard symbols.



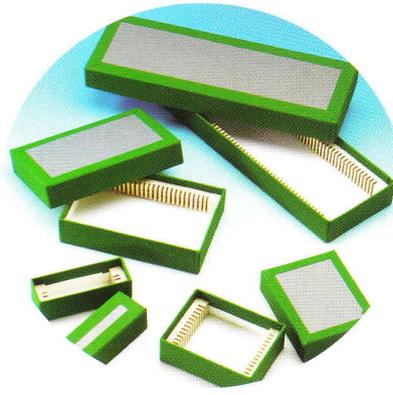
### Plain Wash Bottles

Round, square shouldered bottle with swan neck jet and screw shoulder. Polyethylene completely coloured for easy identification.



## Slide Accessories

A handy selection of slide storage products used in every modern day life science laboratory.



### Postal Boxes

Green cloth covered cardboard postal boxes, with drop on lid and wooden slats to hold 76 x 26mm slides.

Various capacities from 2- 50 slides

### 20 Slide Tray

with cloth hinged flaps completely covering the sides. The tray is recessed to accept 20 slides 76 x 26mm with cutaway for easy removal.

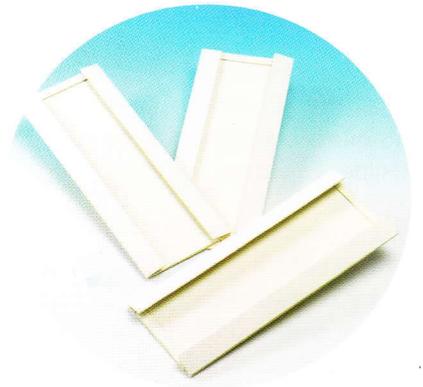
The recesses are individually numbered, and corresponding identification lists are situated on inside of flap



### Woodpulp Slide Tray

Heavy Duty construction with cloth hinged flaps and a single compartment holding slides of various sizes.

Holds 9, 76 x 26mm slides.



## Slide Boxes

A range of high quality slide boxes suitable for storage of 76 x 26mm slides.

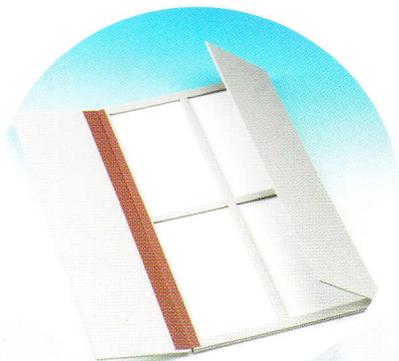
Wooden Slide Box  
Book Form Slide Box  
Leatherette Slide Box



### 24 Slide Tray

with cloth hinged flaps completely covering the sides.

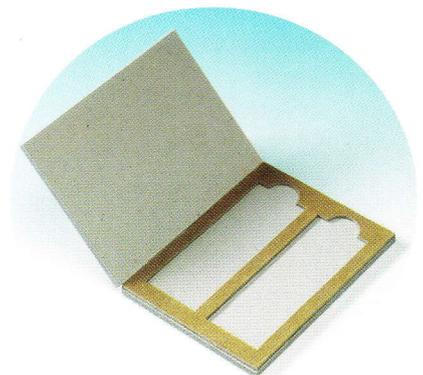
Each tray has four compartments (82 x 156mm) and holds 24 slides 76 x 26mm



### Postal Tray

Heavy duty cardboard construction with a cloth hinge.

The tray is recessed to take either one or two standard 76 x 26mm slides and may be posted without additional packaging.



## Chemicals

A wide range of high  
Quality chemicals for use  
in any laboratory, school or  
University

### A

Acrylamide  
Aluminium Ammonium Sulphate  
Aluminium Hydroxide  
Aluminium Potassium Sulphate  
Aluminium Sulphate 17% (Iron Free)  
Ammonia  
Ammonium Bromide  
Ammonium Dichromate  
Ammonium Hydroxide  
Ammonium di-Hydrogen Orthophosphate  
Ammonium Iron (III) Sulphate  
Ammonium Nitrate  
Ammonium Oxalate  
Ammonium Percarbonate  
Ammonium Persulphate  
Ammonium Sulphate ACS  
Ascorbic Acid

### B

Barium Sulphate  
Borax Pentahydrate  
Borax Decahydrate  
Boric Acid  
BRIJ 35

### C

Calcium Chloride  
Calcium Hydroxide  
Chloral Hydrate  
Chromic Acid  
Chromium VI Oxide  
Citric Acid Anhydrous  
Citric Acid Monohydrate  
Copper Chloride  
Copper II Sulphate Pentahydrate

### D

D (+) Glucose Anhydrous  
D (+) Sorbitol  
D (-) Sorbitol  
Di Potassium Phosphate  
Di-Sodium Hydrogen Orthophosphate  
Dimethyl Sulfoxide  
Distilled Water

### E

EDTA di-potassium salt  
EDTA di-sodium salt  
EDTA Tetrasodium Salt

### F

Ferrous Sulphate  
Ferric Chloride Hexahdrate  
Formaldehyde  
Formamide

### G

Glycerol  
Gold Chloride Yellowish

### H

Hexamine  
Hydrogen Peroxide

### I

Iodine  
Iron Alum  
Iron (II) Sulphate Heptahydrate

### K

Kaolin Light

### L

Lead II Nitrate

### M

Magnesium Chloride Hexahydrate  
Magnesium Sulphate  
Mercuric Oxide Red  
Mono Potassium Phosphate  
Mono Sodium Phosphate

### N

NONIDET P40

### O

Oleic Acid  
Oxalic Acid

### P

Pararosaniline  
Periodic Acid  
Phenol Detached Crystals  
Phenolphthalein BP  
Phosphomolybdic Acid  
Phosphotungstic Acid  
Picric Acid  
Potash Alum  
Potassium Bicarbonate  
Potassium Carbonate

Potassium Chloride  
Potassium Cyanide  
Potassium Dichromate  
Potassium Ferricyanide  
Potassium Ferrocyanide  
Potassium Hydroxide Flake  
Potassium Hydroxide Pellets  
Potassium Iodate  
Potassium Iodide  
Potassium Nitrate  
Potassium Permanganate  
Potassium Persulphate  
Potassium Sulphate  
Potassium Thiocyanate

### R

Resorcinol

### S

Silver Nitrate AR  
Sodium Acetate 3-Hydrate  
Sodium Azide  
Sodium Bicarbonate  
Sodium Bisulphite  
Sodium Borohydride  
Sodium Dichromate  
Sodium Chloride  
Sodium Formate  
Sodium di-Hydrogen Orthophosphate Anhydrous  
Sodium Hydrogen Carbonate  
Sodium Hydroxide Pearl  
Sodium Hydroxide Pellets  
Sodium Hypochlorite  
Sodium Iodate  
Sodium Metabisulphite EP  
Sodium Metasilicate  
Sodium Phosphate Monobasic  
Sodium Phosphate Dibasic  
Sodium Sulphite  
Sodium Thiosulphate  
Stannous Chloride  
Sulphamic Acid

### T

Tris - (hydroxymethyl) aminomethane  
tri-Sodium Citrate  
Triton X100  
Turks Solution  
Tween 20

### U

Urea Prills

### Z

Zinc Chloride Anhydrous  
Zinc Oxide Red BP

## Acids & Solvents

A wide range of high quality acids and solvents for use in any laboratory, school or university

### A

Absolute Ethanol  
 Absolute Ethanol 96%  
 Acetic Acid 99.9%  
 Acetic Acid 99.9% Food Grade  
 Acetic Anhydride  
 Acetone  
 Acetonitrile

### B

Benzaldehyde  
 n-Butyl Acetate  
 Bri 35  
 Butan-1-ol  
 Butan-2-ol

### C

Chloroform  
 Cyclohexane  
 Cyclohexanone

### D

Deionised Water  
 Demineralised Water  
 D-Limonene  
 Dichloroethane  
 Di-n-Butyl Phthalate  
 Dichloromethane  
 Diethyl Ether  
 Dimethyl Benzidine  
 Dimethyl Sulfoxide  
 Distilled Water

### E

Ethanolamine  
 Ethyl Acetate  
 Ethylene Chloride

### F

Formaldehyde  
 Formic Acid 85%  
 Formic Acid 98%

### G

Glycerol EP/BP  
 Glycine  
 Glycerol Kosher

### H

n-Heptane  
 Heptane 95%  
 Hepes Buffer  
 Hydrochloric Acid 28%  
 Hydrochloric Acid 36%  
 Hydrofluoric Acid 48%  
 Hydrogen Peroxide 3%  
 Hydrogen Peroxide 6%  
 Hydrogen Peroxide 9%  
 Hydrogen Peroxide 12%  
 Hydrogen Peroxide 30%  
 Hydrogen Peroxide 35% Food Grade  
 Hydrogen Peroxide 35% Technical

### I

Industrial Methylated Spirits 70%  
 Industrial Methylated Spirits 80%  
 Industrial Methylated Spirits 90%  
 Industrial Methylated Spirits 96%  
 Industrial Methylated Spirits 99%  
 Isobutyl Alcohol  
 Isopentane  
 Iso-Propyl Alcohol  
 IPA 70% Blend

### L

Lactic Acid

### M

Methanol  
 Methyl tert butyl ether  
 Methyl Methacrylate  
 Mineralised Methylated Spirits

### N

Naptha Solvent  
 Nitric Acid 69%

### O

Oleic Acid

### P

n-Pentane  
 Perchloric Acid  
 Petroleum Ether 40-60  
 Petroleum Ether 60-80  
 Petroleum Ether 80-100  
 Phenol 89%  
 Phosphoric Acid 85%  
 Phosphoric Acid 85% Food Grade  
 n-Propanol  
 Propylene Glycol

### R

Rubbing Alcohol 70  
 Rubbing Alcohol 90

### S

Sodium Hypochlorite  
 Sulphuric Acid 96%  
 Surgical Spirit BP

### T

Tetrahydrofuran  
 Toluene  
 1,1,1, Trichloroethane  
 2,2,4 Trimethyl Pentane  
 Trisodium Citrate  
 Triton X100

### X

Xylene





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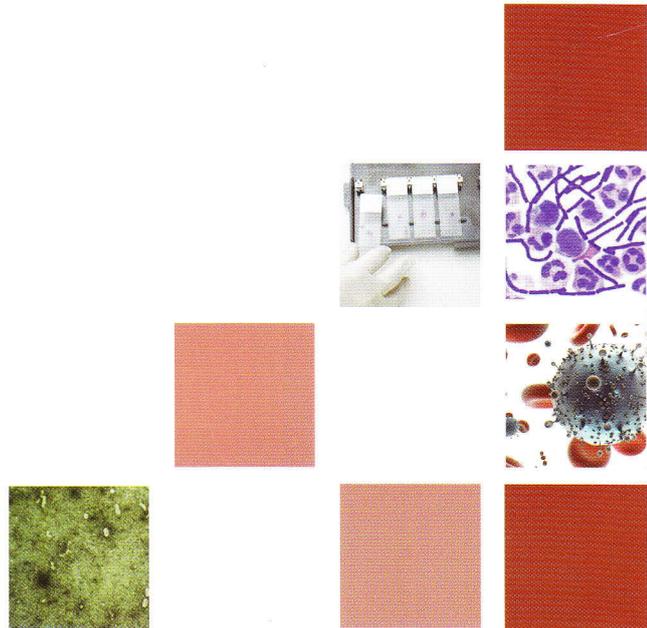
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