Novalab Resistop

NOVALAB RESISTOP

Chemical and Stain Resistance

NOVALAB RESISTOP is tested for chemical and stain resistance using NEMA LD3-2000 test methodology. Each of the chemicals listed below is placed on the work surface, covered with a 1" (25.4mm) watch glass and left for 16 to 24 hours. The surface is then evaluated for damage, colour change or staining. This test methodology also complies with **AS/NZS 2924.1 1998** and meets all relevant New Zealand standards

Acids

Acetic Acid (*all concentrations)*
Aqua Regia **
Chromic Trioxide*
Formic Acid (*all concentrations)**
Glacial Acetic Acid (*99%)**
Hydrochloric Acid (*all concentrations)*
Hydrofluoric Acid (*48%)**
Nitric Acid (*conc)***
Perchloric Acid (*concentrated)*
Phosphoric Acid (*all concentrations)*
Picric Acid (1.2%)
Sulphuric Acid (*conc)***
Tannic Acid (*saturated)*
Uric Acid *(saturated*

Bases

Ammonium Hydroxide *(all concentrations)*
Sodium Hydroxide *(conc)***
Sodium Sulphide (15%)

Solvents

Acetone
Amyl Acetate
Amyl Alcohol
Butyl Alcohol
Carbon Disulphide
Carbon Tetrachloride
Chlorobenzene
Chloroform
Cresol
Dimethyl Formamide
Dioxane
EDTA
Ethyl Acetate
Ethyl Alcohol
Formaldehyde
Methanol
Methyl Ethyl Ketone
Methylene Chloride
Naphthalene
n-Hexane
Phenol *(all concentrations)**
Tetrahydrofuran
Toluene
Trichloroethane
Xylene

General Reagents

Alconox
Aluminon
Ammonium Phosphate
Aromatic Ammonia
Benedict's Solution
Blood
Calcium Hypochlorite
Cellosolve
Camphorated para-Chlorophenol*
Copper Sulphate
Ether 1:20
Ethylene Glycol
Eucalyptol
Formalin
Gasoline
Hydrogen Peroxide (3%)
Iodine
Karl Fisher Reagent
Kerosene
Lactated Ringers
Methyl Methacrylate
Milk
Mineral Oil
Monsel's Solution
Naphtha
Orange Juice
Petroleum Jelly
Phosphate Buffered Saline
Pine Oil
Potassium Permanganate
Povidone Iodine
Procaine
Quaternary Ammonium Compounds
Silver Nitrate
Sodium Azide
Sodium Chromate
Sodium Hypochlorite (5%)
Sodium Thiocyanate
Sucrose (50%)
Thymol and Alcohol
Tincture of Iodine
Tincture of Mercurochrome
Tincture of Merthiolate
Trisodium Phosphate (30%)
Urea
Vegetable Oil
Vinegar
Water
Zephiran Chloride
Zinc Chloride
Zinc Oxide Ointment

Stains and Indicators

Ag Eosin Bluish 5% in alcohol
Bromothymol Blue
Cresol Red
Crystal Violet
Gentian Violet (1%)
Gram Stains
Malachite Green
Methyl Orange
Methyl Red
Methylene Blue
Indian Ink
Phenolphthalein
Safranin O
Sudan III
Thymol Blue
Wright's Blood Stain

Novalab in house testing

Resistop samples were exposed to the following chemicals for 72 hours. The sample reagents were left uncovered as would be the case in a laboratory spill.

Sulphuric Acid (2 molar)
Hydrochloric Acid (2 molar)
Nitric Acid (2 molar)
Sodium Hydroxide (2 molar)+
Iodine+
Silver Nitrate+
Potassium Permanganate+
(+Evaporated to dryness over the test period)

After 72 hours these chemicals were washed off and left no visible marks, no staining or colour change.

* May cause slight change in gloss or colour
** Higher concentrations may affect the surface or cause a change in gloss or colour. The nature and degree of any effect is proportionate to the length of exposure and concentration.
Other chemicals have no effect