**Annex 1**

**Detailed Specification/Quantity Required:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** |  **QUANITY**  | **ITEM** | **UNIT** | **DESCRIPTION** | **COMMENTS** |
| 1 |  5  | Skilm Milk | Bottle, 100g | PropertiesRelated Categories Base Ingredients for Media, Microbiology, Other Additives, Protein Sources (Peptones & Extracts), Protein Sources (milk derived),More...Quality Level 200grade for microbiologyassay 4.7-6.0% total nitrogen (N) basisform powderimpurities ≤1.5% lipid ≥50.0% reducing sugars (as lactose monohydrate)ign. residue ≤10%loss ≤5% loss on drying |   |
| 2 |  5  | Prospore biological indicators | Green/brown, pack of 50 vials | For Use With (Application): Validating steam sterilization of liquidsSafe, easy-to-use, self-contained biological indicator used to validate or monitor steam sterilization in hospitals and pharmaceutical facilities.No activation is required—simply expose ampule sterilizer and incubate afterwardsSealed Prospore ampules contain Geobacillus stearothermophilus spores suspended in growth mediaBromocresol purple pH indicator added to assist in detecting spore growthOutgrowth of spores decreases pH, causing a color change from purple to yellowStandard population is 105 per unitResults available in 48 hours4mL ampulesOrder InfoFor 121°C steam sterilization cycles only. Temperature Range (English): 35.6 to 46.4°FTemperature Range (Metric): 2 to 8°CPopulation: 105 | Expiry 2023 December |
| 3 |  8  | Auramine O | Bottle, 25g | Auramine ODye content ≥80 %, certified by the Biological Stain CommissionCAS Number 2465-27-2 Empirical Formula (Hill Notation) C17H21N3 · HCl Molecular Weight 303.83 Colour Index Number 41000 Beilstein/REAXYS Number 4030061 EC Number 219-567-2 MDL number MFCD00012484Quality Level 200grade certified by the Biological Stain Commissionform powdercomposition Dye content, ≥80%application(s) hematology: suitable histology: suitablemp >250 °C (dec.) (lit.)solubility ethanol: 1 mg/mL, yellow to orangeλmax 370 nm in H2O 432 nm in H2OFeatured Industry Diagnostic Assay Manufacturingstorage temp. room tempSMILES string Cl[H].CN(C)c1ccc(cc1)C(=N)c2ccc(cc2)N(C)CInChI 1S/C17H21N3.ClH/c1-19(2)15-9-5-13(6-10-15)17(18)14-7-11-16(12-8-14)20(3)4;/h5-12,18H,1-4H3;1HInChI key KSCQDDRPFHTIRL-UHFFFAOYSA-NAppearance (Color) Yellow to GreenAppearance (Form) PowderSolubility (Color) Yellow to OrangeSolubility (Turbidity) Clear to Slightly Hazy1 mg/mL, EtOHInfrared spectrum Conforms to Structure% Dye content > 80 % \_Recommended Retest Period -------------------------4 yearsBiological Stain Commission PassProduct Specification and Product Information sheets available |   |
| 4 |  2  | Methylene blue  | Bottle, 25g | Methylene bluecertified by the Biological Stain CommissionCAS Number 122965-43-9 Empirical Formula (Hill Notation) C16H18ClN3S · xH2O Molecular Weight 319.85 (anhydrous basis) Colour Index Number 52015 Beilstein/REAXYS Number 3599847 EC Number 200-515-2 MDL number MFCD00150006Quality Level 200grade certified by the Biological Stain Commissionform powdercomposition Dye content, ≥82%application(s) hematology: suitable histology: suitablesolubility H2O: 4mg/4mlFeatured Industry Diagnostic Assay Manufacturingstorage temp. room tempSMILES string CN(C)C1=CC=C2C(SC(C3=N2)=CC(C=C3)=[N+](C)C)=C1.[H]O[H].[Cl-]InChI 1S/C16H18N3S.ClH.H2O/c1-18(2)11-5-7-13-15(9-11)20-16-10-12(19(3)4)6-8-14(16)17-13;;/h5-10H,1-4H3;1H;1H2/q+1;;/p-1InChI key WQVSELLRAGBDLX-UHFFFAOYSA-MGene Information human ... CYP1A2(1544), GSR(2936)Appearance (Form) PowderInfrared spectrum Conforms to StructureSolubility (Color) Dark Blue4mg/4ml; WaterBiological Stain Commission PassCommission Certified Number: AcA-31Dye Content > 82.0 %Product specification sheet available |   |
| 5 |  16  | Tri-sodium citrate dihydrate | Bottle, 500g | Trisodium citrate dihydratemeets USP testing specificationsCAS Number 6132-04-3 Linear Formula HOC(COONa)(CH2COONa)2 · 2H2O Molecular Weight 294.10 Beilstein/REAXYS Number 6104939 EC Number 200-675-3 MDL number MFCD00150031PropertiesRelated Categories Analytical/Chromatography, Biochemicals and Reagents, Biological Buffers, Buffers A to Z, Chelators,More...Quality Level 300assay 99.0-100.5% anhydrous basisform powderpH 7.5-9 (25 °C, 29.4 g/L)mp >300 °C (lit.)suitability meets USP testing specificationsFeatured Industry Pharmaceutical (small molecule)SMILES string O.O.[Na+].[Na+].[Na+].OC(CC([O-])=O)(CC([O-])=O)C([O-])=OInChI 1S/C6H8O7.3Na.2H2O/c7-3(8)1-6(13,5(11)12)2-4(9)10;;;;;/h13H,1-2H2,(H,7,8)(H,9,10)(H,11,12);;;;2\*1H2/q;3\*+1;;/p-3InChI key NLJMYIDDQXHKNR-UHFFFAOYSA-KTEST Specification\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Identity PassAlkalinity ConformsWater 10.0 - 13.0 %Water determinationTartrate PassAssay 99.0 - 100.5 %Anhydrous basisResidual Solvents Meets RequirementsRecommended Retest Period -------------------------5 Years Product specification sheet available |   |
| 6 |  10  | Sterile loops 10ul  | Plastic, strile, disposable, 1000 pieces/case | High-impact polystyrene loops and needles are smooth and flexible to facilitate uniform and smooth streaking without damaging the gel surface.Polystyrene fabricationSmooth and flexibleSterileNeedles are straight and suitable for removal of single colony specimens. Packed sterile in safe, tamperproof, zip-seal resealable bags. Disposable inoculating loops and needles do not need flaming, eliminating the risk of infection due to aerosol formation of pathogenic substances as well as cross-contamination due to improper sterilization. Loops and needles can be used under hoods without danger. Color-coded for easy size identification. Total length: 22.7 cm (87/8"). | Expiry 2023 December |
| 7 |  16  | HyClone® HyPure Molecular Grade water | DNAse and RNAse free, 500ml bottle | Water, HyClone™ HyPure, Molecular Biology GradeNuclease-free HyClone Molecular Biology-Grade Water, containing no DEPC or other carcinogenic chemicals is used for critical applications involving nucleotides such as RNA and DNA.Significantly low levels of endotoxinsCertified to have no detectable activity in DNase, RNase, and protease assaysMaximum allowable limit of endotoxin is 0.05 EU/mLHyClone HyPure Molecular Biology Grade Water purification process includes continuous deionization, reverse osmosis, ultraviolet light treatment, distillation, and 0.1 µm filtration.Certifications: Manufactured using ISO 9001 and ISO 13485 certified processes according to 21 CFR 820 medical device current good manufacturing practices (cGMP).filtrationFormula: H₂OMW: 18.02 g/molMelting Pt: 0 °CStorage Temperature: AmbientMDL Number: MFCD00011332CAS Number: 7732-18-5Specification Test ResultsEndotoxin Concentration ≤ 0.05 EU/mLSterilisation 0.1 µm sterile filteredpH 5.0 to 7.0Storage 2° to 30° C | Expiry 2023 December |
| 8 |  14  | Sodium hydroxide  | Bottle, 500g | Sodium hydroxideACS reagent, ≥97.0%, pelletsCAS Number 1310-73-2 Linear Formula NaOH Molecular Weight 40.00 EC Number 215-185-5 MDL number MFCD00003548Quality Level 200grade ACS reagentvapor density >1 (vs air)vapor pressure <18 mmHg ( 20 °C) 3 mmHg ( 37 °C)assay ≥97.0%form pelletsapplication(s) cell culture | mammalian: suitable titration: suitableimpurities ≤0.001% N compounds ≤0.02% NH4OH ppt. ≤1.0% Na2CO3mp 318 °C (lit.)solubility water: soluble 1,260 g/L at 20 °Cdensity 2.13 g/cm3 at 20 °Canion traces chloride (Cl-): ≤0.005% phosphate (PO43-): ≤0.001% sulfate (SO42-): ≤0.003%cation traces Fe: ≤0.001% Hg: ≤0.1 ppm K: ≤0.02% Ni: ≤0.001% heavy metals (as Ag): ≤0.002%SMILES string [OH-].[Na+]InChI 1S/Na.H2O/h;1H2/q+1;/p-1InChI key HEMHJVSKTPXQMS-UHFFFAOYSA-MTEST Specification\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Appearance (Color) WhiteAppearance (Form) PelletsX-Ray Diffraction Conforms to StructureTitration by HCL > 97.0 % \_Impurity < 1.0 % \_% Na2CO3 by HCl TitrationSulfate (SO4) < 0.003 % \_Chloride Content < 0.005 % \_Nitrogen Compounds < 0.001 % \_(as N)Phosphate (PO4) < 0.001 % \_Heavy Metals < 0.002 % \_(as Ag)Iron (Fe) < 0.001 % \_Nickel (Ni) < 0.001 % \_Mercury (Hg) < 0.1 ppm \_Calcium (Ca) < 0.005 % \_Magnesium (Mg) < 0.002 % \_Potassium (K) < 0.02 % \_Meets ACS Requirements Current ACS SpecificationRecommended Retest Period -------------------------2 Years Product Specification sheet available |   |
| 9 |  20  | Di-Sodium hydrogen phosphate  | Bottle, 500g | Sodium phosphate dibasicACS reagent, ≥99.0%Synonym:  Disodium hydrogen phosphate, CAS Number 7558-79-4 Linear Formula Na2HPO4 Molecular Weight 141.96 EC Number 231-448-7 MDL number MFCD00003496PropertiesRelated Categories ACS Grade Buffers, Biochemicals and Reagents, Biological Buffers, Buffers A to Z, Capillary Electrophoresis,More...Quality Level 200grade ACS reagentassay ≥99.0%form powderimpurities ≤0.002% Chloride (Cl) ≤0.01% Insoluble matterloss ≤0.2% loss on drying, 105°CpH 8.7-9.3 (25 °C, 5% in solution)pKa (25 °C) (1) 2.15, (2) 6.82, (3) 12.38 (phosphoric acid)solubility water: 5% at 25 °C, clearanion traces sulfate (SO42-): ≤0.005%cation traces Fe: ≤0.002% heavy metals: ≤0.001% (by ICP-OES)SMILES string [Na+].[Na+].[H]OP([O-])([O-])=OInChI 1S/2Na.H3O4P/c;;1-5(2,3)4/h;;(H3,1,2,3,4)/q2\*+1;/p-2InChI key BNIILDVGGAEEIG-UHFFFAOYSA-LSpecification sheet available |   |
| 10 |  50  | Paper towels, single use,  | Single use, box. 150 towels/pack 30 packs/carton | Hand Towels are the essential quality, soft, Strong and absorbent 1 ply hand towel for any business with a high quality image. Our unique technology ensures that each towel is Ultra™ absorbent and Strong even when wet, preventing them from becoming soggy or ripping. The clever, multifold design helps to prevent towels ripping when being pulled from the dispenser, and ensures only single towels are dispensed each time, reducing mess and wastage. Hand Towels are FSC certified, giving assurance that they are made from or contain wood that comes from FSC certified forests. These forests are managed to meet the social, economic and ecological needs of present and future generations. Individual sheet size 23.5cm (L) x 23cm (W). Compatible with Aquarius™ Multifold Hand Towel Dispenser (product code U7023).  |   |
| 11 |  22  | Bag, Autoclave 24x36 "  | Plastic, 200/Pack | Double thick red bags with indicator. Double-thick bags are ideal for sterilizing animal cages and other objects with sharp corners.High-integrity polypropyleneAvailable with temperature indicatorResists punctures, tears and leaksIdeal for processing biohazardous materials that require autoclaving prior to disposalTwist-tie closure allows bag to expand and vent steam during cooling. Bags resist punctures, tears, and leaks and meet the 165g dart drop standard performed as required by ASTM D1709-98. Each bag is imprinted with the universal biohazard symbol.Indicator bags have the words “Contents Have Been Autoclaved” printed in a chemically active ink. Before autoclaving, the ink is white. After autoclaving is complete, it darkens, providing instant proof that biohazardous waste has been autoclaved.Biohazard bag containers are made of rigid, high-density polyethylene for durability and leak-free performance. Snap-on, snap-off lid provides an extra measure of safety in the lab. White with universal biohazard waste symbol imprinted in black on an orange background. Containers are not autoclavable.Certifications: Meets the 165 g dart drop standard (ASTM D1709-98). |   |
| 12 |  22  | Autoclavable Bioharzad bags 8 x 12" | Autoclavable, 100 pieces/pack, case of 10 packs | Red bags with indicator.High-integrity polypropyleneAvailable with temperature indicatorResists punctures, tears and leaksIdeal for processing biohazardous materials that require autoclaving prior to disposalTwist-tie closure allows bag to expand and vent steam during cooling. Bags resist punctures, tears, and leaks and meet the 165g dart drop standard performed as required by ASTM D1709-98. Each bag is imprinted with the universal biohazard symbol.Indicator bags have the words “Contents Have Been Autoclaved” printed in a chemically active ink. Before autoclaving, the ink is white. After autoclaving is complete, it darkens, providing instant proof that biohazardous waste has been autoclaved.Biohazard bag containers are made of rigid, high-density polyethylene for durability and leak-free performance. Snap-on, snap-off lid provides an extra measure of safety in the lab. White with universal biohazard waste symbol imprinted in black on an orange background. Containers are not autoclavable.Certifications: Meets the 165 g dart drop standard (ASTM D1709-98). |   |
| 13 |  15  | Autoclave bags 36X45" | Autoclave, 100 pieces/pack | Red bags with indicator.High-integrity polypropyleneAvailable with temperature indicatorResists punctures, tears and leaksIdeal for processing biohazardous materials that require autoclaving prior to disposalTwist-tie closure allows bag to expand and vent steam during cooling. Bags resist punctures, tears, and leaks and meet the 165g dart drop standard performed as required by ASTM D1709-98. Each bag is imprinted with the universal biohazard symbol.Indicator bags have the words “Contents Have Been Autoclaved” printed in a chemically active ink. Before autoclaving, the ink is white. After autoclaving is complete, it darkens, providing instant proof that biohazardous waste has been autoclaved.Biohazard bag containers are made of rigid, high-density polyethylene for durability and leak-free performance. Snap-on, snap-off lid provides an extra measure of safety in the lab. White with universal biohazard waste symbol imprinted in black on an orange background. Containers are not autoclavable.Certifications: Meets the 165 g dart drop standard (ASTM D1709-98). |   |
| 14 |  22  | Autoclavable Bioharzad bags 14X19" | Autoclavable, 200 pieces/pack | Red bags with indicator.High-integrity polypropyleneAvailable with temperature indicatorResists punctures, tears and leaksIdeal for processing biohazardous materials that require autoclaving prior to disposalTwist-tie closure allows bag to expand and vent steam during cooling. Bags resist punctures, tears, and leaks and meet the 165g dart drop standard performed as required by ASTM D1709-98. Each bag is imprinted with the universal biohazard symbol.Indicator bags have the words “Contents Have Been Autoclaved” printed in a chemically active ink. Before autoclaving, the ink is white. After autoclaving is complete, it darkens, providing instant proof that biohazardous waste has been autoclaved.Biohazard bag containers are made of rigid, high-density polyethylene for durability and leak-free performance. Snap-on, snap-off lid provides an extra measure of safety in the lab. White with universal biohazard waste symbol imprinted in black on an orange background. Containers are not autoclavable.Certifications: Meets the 165 g dart drop standard (ASTM D1709-98). |   |
| 15 |  21  | Autoclave Bag 37 x 48" | Autoclavable, 100 pieces/pack | Yellow bags with indicator.High-integrity polypropyleneAvailable with temperature indicatorResists punctures, tears and leaksIdeal for processing biohazardous materials that require autoclaving prior to disposalTwist-tie closure allows bag to expand and vent steam during cooling. Bags resist punctures, tears, and leaks and meet the 165g dart drop standard performed as required by ASTM D1709-98. Each bag is imprinted with the universal biohazard symbol.Indicator bags have the words “Contents Have Been Autoclaved” printed in a chemically active ink. Before autoclaving, the ink is white. After autoclaving is complete, it darkens, providing instant proof that biohazardous waste has been autoclaved.Biohazard bag containers are made of rigid, high-density polyethylene for durability and leak-free performance. Snap-on, snap-off lid provides an extra measure of safety in the lab. White with universal biohazard waste symbol imprinted in black on an orange background. Containers are not autoclavable.Certifications: Meets the 165 g dart drop standard (ASTM D1709-98). |   |
| 16 |  22  | Bioharzad bags 14X19" | Autoclavable, 200 pieces/pack | Red bags with indicator.High-integrity polypropyleneAvailable with temperature indicatorResists punctures, tears and leaksIdeal for processing biohazardous materials that require autoclaving prior to disposalTwist-tie closure allows bag to expand and vent steam during cooling. Bags resist punctures, tears, and leaks and meet the 165g dart drop standard performed as required by ASTM D1709-98. Each bag is imprinted with the universal biohazard symbol.Indicator bags have the words “Contents Have Been Autoclaved” printed in a chemically active ink. Before autoclaving, the ink is white. After autoclaving is complete, it darkens, providing instant proof that biohazardous waste has been autoclaved.Biohazard bag containers are made of rigid, high-density polyethylene for durability and leak-free performance. Snap-on, snap-off lid provides an extra measure of safety in the lab. White with universal biohazard waste symbol imprinted in black on an orange background. Containers are not autoclavable.Certifications: Meets the 165 g dart drop standard (ASTM D1709-98). |   |
| 17 |  65  | DNAse-/RNAse-free TIPS, for pipettes 1 - 20 µl | DNAse and RNAse free, Filtered, 10 boxes at 96 per pack | Barrier Pipette Tips in Lift-off Lid Rack, which seal when exposed to potential contaminants, trapping them inside the barrier. ART barrier pipette tips are designed to aid in pipetting for a variety of applications. Extended length, tips provide an extra level of contamination control.Features:Sterile tips are certified free from RNase, DNase and pyrogenAvailable in sterile, nonsterile and in various packaging optionsManufactured according to the industry's highest quality standardDesigned to aid in pipetteting for a variety of applications:Extended length to prevent contamination by keeping the pipettete shaft from entering the sample vesselGel loading for loading acrylamide or agarose gelsWide orifice genomic for genomic DNA, fragile cell lines and other viscous materialsSolvent Safe for acids, bases and aggressive organic solventsCompatible with:SoftFit™ pipette tips provide precise and consistent pipetteting with multichannel pipettesErgonomic pipette tips are designed for Gilson pipetteman™ pipettes and Thermo Scientific™ Finnpipette™ Focus pipettesFor use with most pipettorsAvailable in sterile and nonsterile formatsMultiple packaging optionsSterile tips are gamma-irradiated to guarantee product sterility. Autoclavable at 15psi, 122°C (252°F) for 15 minutes.Certifications: Certified RNase-, DNase-, endotoxin-, metal-, and human DNA-free.SpecificationsDescriptionART 20, Filtered, Sterile, Lift-off Lid RackVolume (Metric) Dispensing20μLSterilitySterileModelART 20Length (English)2 in.Clean ClaimsDNase, RNase, DNA, ATP, and Endotoxin FreeProduct LineARTFormatLift-off Lid RackVolume (Metric)20 μLFilteredFilteredAutoclavableNot AutoclavableMaterialPP (Polypropylene)Length (Metric)5.07cmFor Use With (Equipment)Universal Fit PipettorCompatibilityUniversal Fit PipettorTip StyleMicroPoint | Expiry 2023 December |
| 18 |  55  | Microscope slides (Frosted) | 25mmX75mm, 72 per pack, 20 packs per case | Frosted microscope slides. Sealed in a moisture absorbing desiccant pack which can function as a drying stand and a storage box. Slides are 1 mm thick.Our microscope slides are made of high-quality white glass with low iron content, no green tint with fine texture and transparency; these slides are also corrosion-resistant. The edges are ground smooth to help eliminate sharp cutting surfaces and safe handling. They are packed in a special thermoform plastic box to minimize exposure to moisture and dust (each slide is precleaned).Conform to Federal specification NNN-S-450.material glasspackaging case of 20 box of 72 slidessize 25 mm × 75 mmbinding type non-treated surface |   |
| 19 |  13  | DNAse-/RNAse-free TIPS, for pipettes 0.1 - 10 µl | DNAse and RNAse free, Filtered, , 10 boxes at 96 per pack | Volume (Metric)0.1 to 10 μLSterilitySterileGraduations2μLLength (English)1.25 in.For Use With (Equipment)Universal Fit PipettorFormatHinged RackFilteredFilteredColorNaturalAutoclavableNot AutoclavableLength (Metric)3.2 cmCompatibilityUniversal Fit PipettorTip StyleMicroPointUniversal fit for research grade pipetters.Engineered for increased accuracy and are compatible with single-channel, multichannel, and electronic pipettersDNase-/RNase-free; sterile tips are also pyrogen-freeSterile and clear colorFilter eliminates aerosol cross-contamination without sealing or trapping samplesTips allow for noncontaminated sample recoveryNot autoclavable | Expiry 2023 December |
| 20 |  63  | DNAse-/RNAse-free TIPS, for pipettes 10 - 100 µl | DNAse and RNAse free, Filtered, , 10 boxes at 96 per pack | FilteredColorNaturalLength (English)2 in.For Use With (Equipment)Universal Fit PipettorFormatHinged RackLength (Metric)5.0 cmCompatibilityUniversal Fit PipettorTip StyleBeveledUniversal fit for research grade pipetters.Engineered for increased accuracy and are compatible with single-channel, multichannel, and electronic pipettersDNase-/RNase-free; sterile tips are also pyrogen-freeSterile and clear colorFilter eliminates aerosol cross-contamination without sealing or trapping samplesTips allow for noncontaminated sample recoveryNot autoclavable | Expiry 2023 December |
| 21 |  100  | DNAse-/RNAse-free TIPS, for pipettes 20 - 200 µl | DNAse and RNAse free, Filtered, 10 boxes at 96 per pack | Universal fit for research grade pipetters. Length (Metric)5.0 cmCompatibilityUniversal Fit PipettorTip StyleMicroPointLength (English)2 in.For Use With (Equipment)Universal Fit PipettorFormatHinged RackUniversal fit for research grade pipetters.Engineered for increased accuracy and are compatible with single-channel, multichannel, and electronic pipettersDNase-/RNase-free; sterile tips are also pyrogen-freeSterile and clear colorFilter eliminates aerosol cross-contamination without sealing or trapping samplesTips allow for noncontaminated sample recoveryNot autoclavableLength (English)2 in.For Use With (Equipment)Universal Fit PipettorFormatHinged Rack | Expiry 2023 December |
| 22 |  170  | DNAse-/RNAse-free TIPS, for pipettes 100 - 1000 µl | DNAse and RNAse free, Filtered, , 10 boxes at 96 per pack | SpecificationsVolume (Metric) 100 to 1000 μLSterility SterileGraduations100,200,500, 1000μLLength (English) 3.5 in.For Use With (Equipment) Universal Fit PipettorFormat Hinged RackFiltered FilteredColor NaturalAutoclavable Not AutoclavableLength (Metric) 8.9 cmCompatibility Universal Fit PipettorTip Style MicroPointChoose from a comprehensive line of pipet tips for demanding liquid-handling applicationsUniversal fit for research grade pipetters. Engineered for increased accuracy and are compatible with single-channel, multichannel, and electronic pipetters DNase-/RNase-free; sterile tips are also pyrogen-free Sterile and clear color Filter eliminates aerosol cross-contamination without sealing or trapping samples Tips allow for noncontaminated sample recovery Not autoclavable | Expiry 2023 December |
| 23 |  31  | Autoclave tapes | Autoclavable, each  | The word “AUTOCLAVED” appears in steam-sensitive lead-free ink when steam-sterilized.  Black strips appear after exposure to steam sterilization condition Sticks securely under high-temperature and high-pressure conditions Removes easily without leaving sticky residue behind Can be used in temperatures ranging from -23° to +121°C (-9° to +250°F) Available in various sizes Lead-free materialAdhesive Type Self-adhesiveFor Use With (Application) Steam SterilizationTemperature Range (English) -9 to 250°FQuantity EachLength (English) 180 ft.Color WhiteLength (Metric) 54.9 mTemperature Range (Metric) -23°C to +121°CFormat TapeWidth (English) 1 in. |   |
| 24 |  300  | Surgical mask | Elastic ear strap , 2000 pieces/case | Surgical Mask USA ASTM Standard F2100 Level 3. Filtration effectiveness 3.0 Microns:>/ 98%, 0.1 Microns:>/ 98%, Fluid resistance 160mmHg, DELTA P, mm H2O/cm2 <5, Flame spread class 1 |   |
| 25 |  110  | Liquid soap | Neutral PH 1000ml per bottle, 12 bottles/pack | Antimicrobial  |   |
| 26 |  200  | N95 M3 respirators  | N95, 120 pieces/pack | 3M 9211/37022 N95 |   |
|  |  |  |  |  |  |
| 27 |  4  | Clofaximine  | Sigma Aldrich C8895-1G | ClofazimineCAS Number 2030-63-9 Empirical Formula (Hill Notation) C27H22Cl2N4 Molecular Weight 473.40 EC Number 217-980-2 MDL number MFCD00056793PropertiesRelated Categories A - K, Antibacterial, Antibiotics, Antibiotics A to Z, Antibiotics by Application,More...Quality Level 200Mode of action protein synthesis | interferesantibiotic activity spectrum mycobacteriaoriginator NovartisSMILES string CC(C)\N=C1/C=C2N(c3ccc(Cl)cc3)c4ccccc4N=C2C=C1Nc5ccc(Cl)cc5InChI 1S/C27H22Cl2N4/c1-17(2)30-24-16-27-25(15-23(24)31-20-11-7-18(28)8-12-20)32-22-5-3-4-6-26(22)33(27)21-13-9-19(29)10-14-21/h3-17,31H,1-2H3/b30-24+InChI key WDQPAMHFFCXSNU-BGABXYSRSA-N\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Appearance (Color) Faint Brown to Dark Brown to Dark RedAppearance (Form) PowderSolubility (Color) Dark Orange to Brown50 mg/mL , CHCl3Proton NMR spectrum Conforms to StructureTitration with HClO4 > 98 % \_Purity (TLC) > 98 % \_Recommended Retest Period -------------------------6 yearsProduct specification sheet available  |   |
| 28 |  10  | Immesion oiL | 100ml bottle | Quality Level  100 biological source syntheticgrade for microscopyrefractive index n20/D 1.516viscosity 100-120 mPa.s(20 °C)density 1.025 g/mL at 20 °Cstorage temp. room tempApplicationImmersion oil is used for high resolution (1000X) light microscopy work under oil immersion objective lens. |   |
| 29 |  10  | Lens tissue | 100 pieces/pack | size 200 mm × 300 mm, pkg of 100 eapackaging pkg of 100 easize 200 mm × 300 mm General descriptionLenses and other optical surfaces made from glass, quartz or plastic can be easily scratched if you do not clean them with a very soft surface. High quality Whatman lens cleaning tissue provides the solution. The tissue is chemically pure and free from silicones and other additives. Most importantly, it can be relied on to safely remove surface moisture and grease.Features and Benefits• Soft texture will not damage lenses or optical surfaces• Chemically pure tissue is free from silicones and other additives• High absorbency ensures the safe removal of surface moisture and grease• Thickness 0.035 to 0.040 mm• Very strong and leaves no fibers  |   |
| 30 |  600  | Boot | pair | Boot for hospital staff. Covered fron but opened back with moveable single strap.  | Medium- 200, Large 300, Xlarge-100 |
| 31 |  10  | Sodium pyruvate | 500g bottle | Sodium pyruvatepowder, BioReagent, suitable for cell culture, suitable for insect cell culture, ≥99%CAS Number 113-24-6 Linear Formula CH3COCOONa Molecular Weight 110.04 Beilstein/REAXYS Number 3568341 EC Number 204-024-4 MDL number MFCD00002586PropertiesRelated Categories Aerobic Glycolysis (the Warburg Effect), Allium cepa (Onion), Apoptosis Reagents, Apoptosis and Cell Cycle, Cancer Metabolism,More...Quality Level 200product line BioReagentassay ≥99%form powderapplication(s) cell culture | insect: suitable cell culture | mammalian: suitablemp >300 °C (lit.)solubility H2O: 100 mg/mLstorage temp. 2-8°CSMILES string [Na+].CC(=O)C([O-])=OInChI 1S/C3H4O3.Na/c1-2(4)3(5)6;/h1H3,(H,5,6);/q;+1/p-1InChI key DAEPDZWVDSPTHF-UHFFFAOYSA-MAppearance (Color) White to Faint YellowAppearance (Form) PowderSolubility (Color) Colorless to Faint YellowSolubility (Turbidity) Clear100 mg/mL, H2OProton NMR spectrum Conforms to StructureHeavy Metal <= 20 ppmAs LeadTitration with HClO4 > 99 % \_Cell Culture Test PassInsect Cell Test PassRecommended Retest Period -------------------------3 Years Product Specification and Product Information sheets available |   |
| 32 |  200  | Hand Sanitizer | 500ml | Hand Sanitizer- antiviral with 70% ethanol (70% ethyl alcohol gel) 500ml-Antimicrobial gel with 70% ethyl alcohol to help reduce the number of germs on handsIt includes a fresh dispensing valve to help reduce potential germ exposure and a clear window to show fill level, it Contains four moisturizers to help keep skin hydrated, it Meets FDA healthcare personnel hand-washing requirements.Keep patrons' hands clean with 500mL instant hand sanitizer refills which are Formulated with a nourishing blend of skin conditioners, the instant hand sanitizer. Not only does it refills kill more than 99.99% of the most common germs, it is also clinically proven to help maintain skin health. Kills more than 99.99% of most common germs that may cause illness. It refills are: Enhanced with a nourishing blend of four different skin-conditioners that are clinically proven to help maintain skin health.Milder on skin than hand washing. Ounce for once kills more germs than others when used on hands in accordance to FDA Health Care Personnel Hand wash test methodology. No water or towels needed. Patent-pending 70% ethyl alcohol formula is free of fluoridated chemicals, and milder on skin thanhand washing.  |   |
| 33 |  40  | Wall mounted sanitizer machine with sanitizer | 1200ml sanitizer machine capacity with 1200ml sanitizer bottle | Automatic Dispenser Sanitizer Machine with sanitizer bottle fixed to it 70% ethanol (70% ethyl alcohol gel)Touch-free, trouble-free dispensingSkylight with sight window makes it easy to see when it’s time to reloadSanitary Sealed lock out germsEasy to load and provide neat, clean performanceIt accepts 1,200 ml refills of gel or foam designed for dispensers Incase of refillsTouch-Free Hand Sanitizer Dispenser, Beige White,30,000 uses from three standard C-size alkaline batteries (comes with alkaline batteries)Comes with 1200ml sanitizer that can be refiilledTouch-free, trouble-free dispensing system, Automatically dispenses perfect amount of foam or gel sanitizer needed.Features a skylight with an extra large site window that makes it easy to see when its time to refill.Antimicrobial gel with 70% ethyl alcohol to help reduce the number of germs on handsIt includes a fresh dispensing valve to help reduce potential germ exposure and a clear window to show fill level, it Contains four moisturizers to help keep skin hydrated, it Meets FDA healthcare personnel hand-washing requirements.Keep patrons' hands clean with 1200 mL instant hand sanitizer refills which are Formulated with a nourishing blend of skin conditioners. Not only does it refills kill more than 99.99% of the most common germs, it is also clinically proven to help maintain skin health. Kills more than 99.99% of most common germs that may cause illness. It refills are: Enhanced with a nourishing blend of four different skin-conditioners that are clinically proven to help maintain skin health.Milder on skin than hand washing. Ounce for once kills more germs than others when used on hands in accordance to FDA Health Care Personnel Hand wash test methodology. No water or towels needed. Patent-pending 70% ethyl alcohol formula is free of fluoridated chemicals, and milder on skin thanhand washing.  |   |
| 34 |  240  | Refil for wall mounted sanitizer machine | 1200ml | Refil for wall mounted sanitizer- antiviral with 70% ethanol (70% ethyl alcohol gel)1,200 ml refills gel or foam compactible with the automatic dispenser machine for refills.Antimicrobial gel with 70% ethyl alcohol to help reduce the number of germs on handsIt includes a fresh dispensing valve to help reduce potential germ exposure and a clear window to show fill level, it Contains four moisturizers to help keep skin hydrated, it Meets FDA healthcare personnel hand-washing requirements.Keep patrons' hands clean with 1200 mL instant hand sanitizer refills which are Formulated with a nourishing blend of skin conditioners, the instant hand sanitizer. Not only does it refills kill more than 99.99% of the most common germs, it is also clinically proven to help maintain skin health. Kills more than 99.99% of most common germs that may cause illness. It refills are: Enhanced with a nourishing blend of four different skin-conditioners that are clinically proven to help maintain skin health.Milder on skin than hand washing. Ounce for once kills more germs than others when used on hands in accordance to FDA Health Care Personnel Hand wash test methodology. No water or towels needed. Patent-pending 70% ethyl alcohol formula is free of fluoridated chemicals, and milder on skin thanhand washing.  |   |
| 35 |  2  | *Mycobacterium tuberculosis* ATCC strains | Standard strains/controlled strains with known laboratory drug susceptibility results to 1st and 2nd line anti-TB drugs | **Standard strains- Pan suceptible to 1st and 2nd line anti-TB drugs-** Rifampicin, Isoniazid, Ethambutol, Pyrazinamide & 2nd Line- Flouroquinolones (Levofoxacin, Moxifloxacin, Ofloxacin, Gatifloxacin), Aminoglycosides (Kanamycin, Amikacin, Capreomycin, Viomycin), Bedaquiline, Clofaximine, Linezolid, Prothionamide, Ethionamide, Delamanid, Para-amino salicyclic acid, Cycloserine, Meropenem, Terizidone, Imipenem-cilastatin, Prothionamide, Amoxicillin/Clavulanate **Standard strains- Resistant to 1st and 2nd line anti-TB drugs-**Rifampicin, Isoniazid, Ethambutol, Pyrazinamide, Flouroquinolones (Levofoxacin, Moxifloxacin, Ofloxacin, Gatifloxacin), Aminoglycosides (Kanamycin, Amikacin, Capreomycin, Viomycin), Bedaquiline, Clofaximine, Linezolid, Prothionamide, Ethionamide, Delamanid, Para-amino salicyclic acid, Cycloserine, Meropenem, Terizidone, Imipenem-cilastatin, Prothionamide, Amoxicillin/Clavulanate  | Expiry 2023 December |