**Annex 1**

**Detailed Specification/Quantity Required:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **QUANITY** | **ITEM** | **UNIT** | **DESCRIPTION** | **COMMENTS** |
| 1 | 5 | Skilm Milk | Bottle, 100g | Properties Related Categories Base Ingredients for Media, Microbiology, Other Additives, Protein Sources (Peptones & Extracts), Protein Sources (milk derived), More... Quality Level 200 grade for microbiology assay 4.7-6.0% total nitrogen (N) basis form powder impurities ≤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 liquids Safe, 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 afterwards Sealed Prospore ampules contain Geobacillus stearothermophilus spores suspended in growth media Bromocresol purple pH indicator added to assist in detecting spore growth Outgrowth of spores decreases pH, causing a color change from purple to yellow Standard population is 105 per unit Results available in 48 hours 4mL ampules Order Info For 121°C steam sterilization cycles only.    Temperature Range (English): 35.6 to 46.4°F  Temperature Range (Metric): 2 to 8°C  Population: 105 | Expiry 2023 December |
| 3 | 8 | Auramine O | Bottle, 25g | Auramine O Dye content ≥80 %, certified by the Biological Stain Commission CAS 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 MFCD00012484 Quality Level 200 grade certified by the Biological Stain Commission form powder composition Dye content, ≥80% application(s) hematology: suitable  histology: suitable mp >250 °C (dec.) (lit.) solubility ethanol: 1 mg/mL, yellow to orange λmax 370 nm in H2O  432 nm in H2O Featured Industry Diagnostic Assay Manufacturing storage temp. room temp SMILES string Cl[H].CN(C)c1ccc(cc1)C(=N)c2ccc(cc2)N(C)C InChI 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;1H InChI key KSCQDDRPFHTIRL-UHFFFAOYSA-N Appearance (Color) Yellow to Green Appearance (Form) Powder Solubility (Color) Yellow to Orange Solubility (Turbidity) Clear to Slightly Hazy 1 mg/mL, EtOH Infrared spectrum Conforms to Structure % Dye content > 80 % \_ Recommended Retest Period ------------------------- 4 years Biological Stain Commission Pass Product Specification and Product Information sheets available |  |
| 4 | 2 | Methylene blue | Bottle, 25g | Methylene blue certified by the Biological Stain Commission CAS 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 MFCD00150006  Quality Level 200 grade certified by the Biological Stain Commission form powder composition Dye content, ≥82% application(s) hematology: suitable  histology: suitable solubility H2O: 4mg/4ml Featured Industry Diagnostic Assay Manufacturing storage temp. room temp SMILES 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-1 InChI key WQVSELLRAGBDLX-UHFFFAOYSA-M Gene Information human ... CYP1A2(1544), GSR(2936) Appearance (Form) Powder Infrared spectrum Conforms to Structure Solubility (Color) Dark Blue 4mg/4ml; Water Biological Stain Commission Pass Commission Certified Number: AcA-31 Dye Content > 82.0 % Product specification sheet available |  |
| 5 | 16 | Tri-sodium citrate dihydrate | Bottle, 500g | Trisodium citrate dihydrate meets USP testing specifications CAS 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 MFCD00150031 Properties Related Categories Analytical/Chromatography, Biochemicals and Reagents, Biological Buffers, Buffers A to Z, Chelators, More... Quality Level 300 assay 99.0-100.5% anhydrous basis form powder pH 7.5-9 (25 °C, 29.4 g/L) mp >300 °C (lit.) suitability meets USP testing specifications Featured Industry Pharmaceutical (small molecule) SMILES string O.O.[Na+].[Na+].[Na+].OC(CC([O-])=O)(CC([O-])=O)C([O-])=O InChI 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-3 InChI key NLJMYIDDQXHKNR-UHFFFAOYSA-K TEST Specification \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Identity Pass Alkalinity Conforms Water 10.0 - 13.0 % Water determination Tartrate Pass Assay 99.0 - 100.5 % Anhydrous basis Residual Solvents Meets Requirements Recommended 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 fabrication Smooth and flexible Sterile  Needles 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 Grade  Nuclease-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 endotoxins Certified to have no detectable activity in DNase, RNase, and protease assays Maximum allowable limit of endotoxin is 0.05 EU/mL  HyClone 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).filtration Formula: H₂O MW: 18.02 g/mol Melting Pt: 0 °C Storage Temperature: Ambient MDL Number: MFCD00011332 CAS Number: 7732-18-5 Specification Test Results Endotoxin Concentration ≤ 0.05 EU/mL Sterilisation 0.1 µm sterile filtered pH 5.0 to 7.0 Storage 2° to 30° C | Expiry 2023 December |
| 8 | 14 | Sodium hydroxide | Bottle, 500g | Sodium hydroxide ACS reagent, ≥97.0%, pellets CAS Number 1310-73-2 Linear Formula NaOH Molecular Weight 40.00 EC Number 215-185-5 MDL number MFCD00003548 Quality Level 200 grade ACS reagent vapor density >1 (vs air) vapor pressure <18 mmHg ( 20 °C)  3 mmHg ( 37 °C) assay ≥97.0% form pellets application(s) cell culture | mammalian: suitable  titration: suitable impurities ≤0.001% N compounds  ≤0.02% NH4OH ppt.  ≤1.0% Na2CO3 mp 318 °C (lit.) solubility water: soluble 1,260 g/L at 20 °C density 2.13 g/cm3 at 20 °C anion 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-1 InChI key HEMHJVSKTPXQMS-UHFFFAOYSA-M TEST Specification \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Appearance (Color) White Appearance (Form) Pellets X-Ray Diffraction Conforms to Structure Titration by HCL > 97.0 % \_ Impurity < 1.0 % \_ % Na2CO3 by HCl Titration Sulfate (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 Specification Recommended Retest Period ------------------------- 2 Years Product Specification sheet available |  |
| 9 | 20 | Di-Sodium hydrogen phosphate | Bottle, 500g | Sodium phosphate dibasic ACS 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 MFCD00003496 Properties Related Categories ACS Grade Buffers, Biochemicals and Reagents, Biological Buffers, Buffers A to Z, Capillary Electrophoresis, More... Quality Level 200 grade ACS reagent assay ≥99.0% form powder impurities ≤0.002% Chloride (Cl)  ≤0.01% Insoluble matter loss ≤0.2% loss on drying, 105°C pH 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, clear anion 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-])=O InChI 1S/2Na.H3O4P/c;;1-5(2,3)4/h;;(H3,1,2,3,4)/q2\*+1;/p-2 InChI key BNIILDVGGAEEIG-UHFFFAOYSA-L Specification 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 polypropylene Available with temperature indicator Resists punctures, tears and leaks  Ideal for processing biohazardous materials that require autoclaving prior to disposal  Twist-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 polypropylene Available with temperature indicator Resists punctures, tears and leaks  Ideal for processing biohazardous materials that require autoclaving prior to disposal  Twist-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 polypropylene Available with temperature indicator Resists punctures, tears and leaks  Ideal for processing biohazardous materials that require autoclaving prior to disposal  Twist-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 polypropylene Available with temperature indicator Resists punctures, tears and leaks  Ideal for processing biohazardous materials that require autoclaving prior to disposal  Twist-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 polypropylene Available with temperature indicator Resists punctures, tears and leaks  Ideal for processing biohazardous materials that require autoclaving prior to disposal  Twist-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 polypropylene Available with temperature indicator Resists punctures, tears and leaks  Ideal for processing biohazardous materials that require autoclaving prior to disposal  Twist-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 pyrogen Available in sterile, nonsterile and in various packaging options Manufactured according to the industry's highest quality standard Designed to aid in pipetteting for a variety of applications:  Extended length to prevent contamination by keeping the pipettete shaft from entering the sample vessel  Gel loading for loading acrylamide or agarose gels  Wide orifice genomic for genomic DNA, fragile cell lines and other viscous materials  Solvent Safe for acids, bases and aggressive organic solvents  Compatible with:  SoftFit™ pipette tips provide precise and consistent pipetteting with multichannel pipettes  Ergonomic pipette tips are designed for Gilson pipetteman™ pipettes and Thermo Scientific™ Finnpipette™ Focus pipettes  For use with most pipettors Available in sterile and nonsterile formats Multiple packaging options  Sterile 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. Specifications Description ART 20, Filtered, Sterile, Lift-off Lid Rack Volume (Metric) Dispensing 20μL Sterility Sterile Model ART 20 Length (English) 2 in. Clean Claims DNase, RNase, DNA, ATP, and Endotoxin Free Product Line ART Format Lift-off Lid Rack Volume (Metric) 20 μL Filtered Filtered Autoclavable Not Autoclavable Material PP (Polypropylene) Length (Metric) 5.07cm For Use With (Equipment) Universal Fit Pipettor Compatibility Universal Fit Pipettor Tip Style MicroPoint | 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 glass packaging case of 20  box of 72 slides size 25 mm × 75 mm binding 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 μL Sterility Sterile Graduations 2μL Length (English) 1.25 in. For Use With (Equipment) Universal Fit Pipettor Format Hinged Rack Filtered Filtered Color Natural Autoclavable Not Autoclavable Length (Metric) 3.2 cm Compatibility Universal Fit Pipettor Tip Style MicroPoint Universal 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 |
| 20 | 63 | DNAse-/RNAse-free TIPS, for pipettes 10 - 100 µl | DNAse and RNAse free, Filtered, , 10 boxes at 96 per pack | Filtered Color Natural Length (English) 2 in. For Use With (Equipment) Universal Fit Pipettor Format Hinged Rack Length (Metric) 5.0 cm Compatibility Universal Fit Pipettor Tip Style Beveled  Universal 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 |
| 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 cm Compatibility Universal Fit Pipettor Tip Style MicroPoint Length (English) 2 in. For Use With (Equipment) Universal Fit Pipettor Format Hinged Rack  Universal 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 Length (English) 2 in. For Use With (Equipment) Universal Fit Pipettor Format Hinged 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 | Specifications Volume (Metric)  100 to 1000 μL Sterility  Sterile Graduations 100,200,500, 1000μL Length (English)  3.5 in. For Use With (Equipment)  Universal Fit Pipettor Format  Hinged Rack Filtered  Filtered Color  Natural Autoclavable  Not Autoclavable Length (Metric)  8.9 cm Compatibility  Universal Fit Pipettor Tip Style  MicroPoint   Choose from a comprehensive line of pipet tips for demanding liquid-handling applications  Universal 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 material Adhesive Type  Self-adhesive For Use With (Application)  Steam Sterilization Temperature Range (English)  -9 to 250°F Quantity  Each Length (English)  180 ft. Color  White Length (Metric)  54.9 m Temperature Range (Metric)  -23°C to +121°C Format  Tape Width (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 | Clofazimine CAS Number 2030-63-9 Empirical Formula (Hill Notation) C27H22Cl2N4 Molecular Weight 473.40 EC Number 217-980-2 MDL number MFCD00056793 Properties Related Categories A - K, Antibacterial, Antibiotics, Antibiotics A to Z, Antibiotics by Application, More... Quality Level 200 Mode of action protein synthesis | interferes antibiotic activity spectrum mycobacteria originator Novartis SMILES string CC(C)\N=C1/C=C2N(c3ccc(Cl)cc3)c4ccccc4N=C2C=C1Nc5ccc(Cl)cc5 InChI 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 Red Appearance (Form) Powder Solubility (Color) Dark Orange to Brown 50 mg/mL , CHCl3 Proton NMR spectrum Conforms to Structure Titration with HClO4 > 98 % \_ Purity (TLC) > 98 % \_ Recommended Retest Period ------------------------- 6 years Product specification sheet available |  |
| 28 | 10 | Immesion oiL | 100ml bottle | Quality Level   100  biological source synthetic grade for microscopy  refractive index n20/D 1.516 viscosity 100-120 mPa.s(20 °C) density 1.025 g/mL at 20 °C storage temp. room temp  Application  Immersion 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 ea  packaging pkg of 100 ea size 200 mm × 300 mm   General description  Lenses 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 pyruvate powder, 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 MFCD00002586 Properties Related Categories Aerobic Glycolysis (the Warburg Effect), Allium cepa (Onion), Apoptosis Reagents, Apoptosis and Cell Cycle, Cancer Metabolism, More... Quality Level 200 product line BioReagent assay ≥99% form powder application(s) cell culture | insect: suitable  cell culture | mammalian: suitable mp >300 °C (lit.) solubility H2O: 100 mg/mL storage temp. 2-8°C SMILES string [Na+].CC(=O)C([O-])=O InChI 1S/C3H4O3.Na/c1-2(4)3(5)6;/h1H3,(H,5,6);/q;+1/p-1 InChI key DAEPDZWVDSPTHF-UHFFFAOYSA-M Appearance (Color) White to Faint Yellow Appearance (Form) Powder Solubility (Color) Colorless to Faint Yellow Solubility (Turbidity) Clear 100 mg/mL, H2O Proton NMR spectrum Conforms to Structure Heavy Metal <= 20 ppm As Lead Titration with HClO4 > 99 % \_ Cell Culture Test Pass Insect Cell Test Pass Recommended 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 dispensing Skylight with sight window makes it easy to see when it’s time to reload Sanitary Sealed lock out germs Easy to load and provide neat, clean performance It accepts 1,200 ml refills of gel or foam designed for dispensers Incase of refills Touch-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 |