

Product Specification Sheet

0.65 mL Biotix® Microcentrifuge Tubes



MT-0065-BC

Description	Microcentrifuge Tubes			
Biotix Part Number	MT-0065-BC	MT-0065-BCS	MTL-0065-BC	MT-0065-R
Maximum Volume	0.65 ml	0.65 ml	0.65 ml	0.65 ml
Color	Clear	Clear	Clear	Assorted Colors
Certified Pre-Sterilized	No	Yes	No	No
Packaging	1,000 tubes/pack, 10 packs/case	500 tubes/pack, 10 packs/case	1,000 tubes/pack, 10 packs/case	1,000 tubes/pack, 10 packs/case
Composition	Medical-grade virgin polypropylene			
Features	Superior clarity for visualization of samples Tubes with X-Resin™ provides ultra-low binding characteristics			
Physical Data	DNase, RNase and Endotoxin (pyrogen) free			

Technical Drawings

Quality Testing

RNase/DNase	Products are washed in distilled water and concentrated via centrifugation. Samples are added to previously established nucleic acid standards, incubated for one hour at 37°C, and tested on a 2% gel using electrophoresis. Products must show no degradation of standards to pass. Test sensitivity is 10 ⁻⁷ Kunitz units/μL.
Nucleic Acid	Products are washed in distilled water and concentrated via centrifugation. Then, samples are added to protocol specified PCR reactions and thermal cycled for 50 cycles. A 2% agarose gel electrophoresis is used to examine experimental samples, positive controls, and negative controls. To pass, product samples must show no DNA amplification. Test sensitivity is 10 ng.
Endotoxin/Pyrogen	Products are tested for endotoxins by using the Limulus Amebocyte Lysate (LAL) gel assay according to FDA guidelines. Test sensitivity is 0.06 EU/ml.
Trace Metal	Products are washed in distilled water. The sample is then tested using reflectometry using a single strip test for the following metals: Ca, Cu, Fe, K, Mg, Mn and Ni. Standard solutions are used as positive controls. A reader is used to detect metals to a sensitivity of 500 mg/L.
PCR Inhibitor	Products are tested via PCR amplification and gel electrophoresis analysis. Samples must show normal amplification to be considered free of PCR inhibitors.
Sterilization	Products are sterilized to 10 ⁻³ sterility insurance level (SAL).