

SSC BUFFER, 20X LIQUID Sterile, 5L**PG-4080-5L**

SSC Buffer (20X) Sterile is a concentrated saline-sodium citrate buffer widely used in molecular biology applications. It is commonly employed in nucleic acid hybridization procedures, Southern and Northern blotting, DNA and RNA washing steps, and preparation of dilution buffers. The solution is sterile-filtered and ready to use for laboratory applications.

Details

Product Name	SSC Buffer, 20X Liquid Sterile
Description	A sterile concentrated buffer containing sodium chloride and sodium citrate, designed for nucleic acid hybridization, blotting techniques, and washing procedures in molecular biology laboratories.
Molecular Weight	Not Applicable (mixture)
Appearance	Clear, colorless liquid
Formula	Contains 3.0 M Sodium Chloride and 0.3 M Sodium Citrate in purified water
Solubility	Completely miscible with water
pH	7.0 ± 0.2 (at 25°C)
CAS Number	Mixture (Contains Sodium Chloride CAS No. 7647-14-5 and Sodium Citrate CAS No. 6132-04-3)
Storage Condition	Store at 15–30°C. Keep container tightly closed. Protect from contamination.
Applications / Uses	Used in Southern blotting, Northern blotting, nucleic acid hybridization, DNA and RNA washing procedures, membrane preparation, molecular biology research, and diagnostic applications.
Safety	.

Generally considered non-hazardous under normal laboratory conditions. Avoid ingestion and contact with eyes. Use standard laboratory PPE including gloves, lab coat, and safety glasses. Refer to the Safety Data Sheet (SDS) for detailed safety information