

Surfactant S9

Cat: S7430

Specification: 25g /50g /100g /500g

Storage: Store at room temperature, and it is valid for 2 years.

Product Information

English name: Surfactant S9

Appearance (Character) : White
crystal

pH (2.5% MeOH/H₂O): 8.0~10.0

Hydroxyl Value: 11.0~14.0 mg KOH/g

Introduction

Surfactant S9 is a copolymer of propylene oxide-ethylene oxide-vinyl diamine, belonging to the category of typical zwitterionic surfactants. With an HLB value greater than 24, it is a rarely encountered surfactant with exceptionally superior water solubility within the realm of immunochromatography. It exhibits non-hemolytic properties, solvent compatibility, antistatic capabilities, and serves well as a wetting and defoaming agent.

Applicable Samples:

Suitable for a full range of products, with particularly better performance in blood samples.

Applications:

1. Reduces the absorption of NC membrane towards the detected substance and gold label, resulting in a clean background without any T-line reversal phenomenon.
2. Appropriate addition of Surfactant S9 can enhance sensitivity to a certain extent, exhibiting a color intensifying effect (increasing the line intensity).
3. Being non-hemolytic, S9 does not cause hemolysis or the release of red blood cells, avoiding the red background phenomenon during assay processing. It is a good choice for products involving whole blood detection.

Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. Once dissolved, please store the solution in separate containers to avoid product degradation caused by repeated freezing and thawing.
3. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
4. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
5. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.