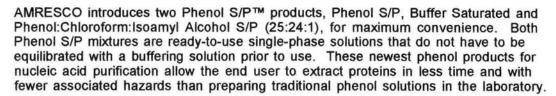




DIRECTIONS FOR USE

Phenol S/P™ Products (K168 & K169)

- * Single-Phase Allows "Worry-Free" Pipetting of Phenol into Samples
- * Premixed, Equilibrated Phenol S/P Mixtures Increase Laboratory Safety



Phenol S/P, Buffer-Saturated (K168)

This single-phase phenol product is saturated with Tris-HCl buffer to produce a ready-to-use solution for the extraction of cellular components (proteins and lipids) from nucleic acid isolations. Equilibrated to pH \geq 7.5 @ 25°C, this single-phase phenol mixture is used at room temperature and stored at 2-8°C.

Phenol S/P, Buffer Saturated Specifications:

Appearance @ 25°C pH @ 25°C (20-fold dilution in H₂O)

Clear, Single-Phase 7.65 +/- 0.15

Phenol:Chloroform:Isoamyl Alcohol S/P (25:24:1) (K169)

This single-phase phenol product is a mixture of phenol, chloroform, and isoamyl alcohol (25:24:1, v/v) in a ready-to-use solution for the extraction of cellular components (proteins and lipids) from nucleic acid isolations. Equilibrated to pH > 8.0 @ 25°C, this single-phase phenol mixture is used at room temperature and stored at 2-8°C.

Phenol:Chloroform:Isoamyl Alcohol S/P (25:24:1) Specifications:

Appearance @ 25° C Clear, Single-Phase pH (aqueous phase) @ 25° C (1:1 dilution in H₂O) 8.20 +/- 0.15

AMRESCO Phenol S/P mixtures are produced using biotechnology grade reagents to ensure a high quality, nuclease-free product. These phenol mixtures may exhibit two phases when properly stored at 2-8°C; therefore, they should be warmed to room temperature prior to use. For increased safety and stability, Phenol S/P solutions are packaged under argon in plastic-coated, shatter-resistant amber glass bottles.

| Code | Product Name | Size |
|------|--|--------|
| K168 | Phenol S/P, Buffer Saturated | 100 ml |
| | The state of the s | 400 ml |
| K169 | Phenol:Chloroform:Isoamyl | 100 ml |
| | Alcohol S/P (25:24:1) | 400 ml |

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