



## Product Specifications

### PHENOL|CHLOROFORM 25:24:1 – pH 6.5 - 6.9 / pH 7.8 – 8.2

<u>Catalog #</u>	<u>Size</u>
IB05174	400ml

#### Physical Specifications

CAS#	N/A
Purity	Min. 99.0%
pH	6.5 - 6.9
pH (w/buffed added)	7.8 – 8.2
A <sub>330</sub>	Max. 0.2
A <sub>405</sub>	Max. 0.1
A <sub>510</sub>	Max. 0.1

#### Molecular Biology Specifications

Extraction Assay	Pass
Ligation/Recut Assay	Pass
Accelerated Shelf Life Assay	Pass

#### Recommended Use

IBI provides Phenol|Chloroform Solution at a pH of 6.5 – 6.9 for use in typical DNA purification.

**Example:** To purify 400µL of sample, add 400µL of Phenol Chloroform solution.

IBI's Phenol|Chloroform Solution is packaged at a standard pH of approximately 6.7, but can be increased to approximately 8.0 when mixed with supplied bottle of alkaline buffer.

#### Storage

Store at +4°C. Warm to room temperature before opening. Keep tightly sealed. Phenol Chloroform Solution is prepared from ultra-pure, double-distilled phenol, chloroform, and isoamyl alcohol. The product is packaged under an inert gas for maximum stability.

#### Warning

Poison! Corrosive. Combustible, suspected carcinogen. May be harmful or fatal if swallowed. Avoid breathing fumes. Avoid contact with eyes, skin and clothing. Wash all areas of contact with copious amounts of water. See Material Safety Data Sheet for additional information.