



Product Specifications

SATURATED PHENOL pH6.6

<u>Catalog #</u>	<u>Size</u>
IB05182	100ml

Physical Specifications

CAS#	108-95-2
Formula Weight	94.11
Molecular Formula	C ₆ H ₆ O
Purity	Min. 99.0%
pH	6.6 ± 0.1
pH (with Buffer)	7.9 ± 0.2
A ₃₃₀	Max. 0.2
A ₄₀₅	Max. 0.1
A ₅₁₀	Max. 0.1

Molecular Biology Specifications

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

Recommended Use

IBI provides saturated phenol at a pH of 6.6±0.1 for use in DNA purification. Included is a bottle of buffer for DNA applications that require a higher pH of 8.0±0.1. If your application does require the addition of this buffer, add the entire contents of the buffer (6.5ml) to the saturated phenol stock. To use, allow the phases to separate and then add the appropriate amount of buffer saturated phenol to your DNA sample.

Storage

Store at +4°C. Keep tightly sealed. IBI's phenol is prepared from ultra-pure phenol double-distilled under a dry inert gas. This material is then saturated completely and extra buffer is added as an overlay to maintain saturation. The product is packed under nitrogen for maximum stability.

Warning

Poison. Corrosive. May be harmful or fatal if swallowed. Avoid breathing vapors. 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.