

Saturated Phenols

Product Description

BIOTECHNOLOGY GRADE

Appearance:	Clear liquid capped with a layer of Tris buffer
Abs.@ 330nm	max. 0.2
Abs.@ 405nm	max. 0.1
Abs.@ 510nm	max. 0.1
pH (Buffer) @25C	min. 7.7 max. 8.1
Purity	99.0 %
Storage:	Store cold. Warm to room temperature before opening.

Technical Information

Preparing phenol in a form suitable for applications in molecular biology is a time consuming and often hazardous procedure. First, the phenol must be distilled under nitrogen and then stored frozen to prevent deterioration. It has a very limited shelf life and often becomes unsuitable for use and must be discarded. Next, the phenol must be melted and saturated with buffer before it can be used.

Saturated Phenols eliminate these handling difficulties and are available in three pH's for use in different applications.

pH 6.6 ± 0.2/pH 7.9 ± 0.2: Saturated Phenol for use in typical DNA purifications. A bottle of buffer is included for most DNA applications that require a higher pH of 7.9 ± 0.2.

pH 4.3 ± 0.2: Saturated Phenol for use in RNA purification.

All Saturated Phenols are prepared from high purity phenol, double distilled under nitrogen. This material is then saturated completely, and extra buffer is added as an overlay to prevent oxidation. The products are packaged under nitrogen for maximum stability and remains stable for greater than one year when stored unopened at 4°C.

ASSAY

Purity	> 99.0%
A330 nm	<0.2
A405 nm	<0.1
A550 nm	<0.1
Stability (4°C)	>1 year
Type I	pH 6.6 ± 0.2
Type I with added buffer	pH 7.9 ± 0.2
Type II	pH 4.3 ± 0.2
Storage	2-8°C

ORDERING INFORMATION:

	Code	Size
pH 6.6/pH 7.9	UP87336A	100 ml
	UP87336B	400 ml
pH 4.3	UP893305	100 ml
	UP893306	400 ml

Contact your local distributor

Uptima, powered by



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