




### Phenol/Chloroform/Isoamyl alcohol

	Risk	23/24/25, 34, 40,	UN number	2810
			Class	6.1
	Safety	48/20/21/22, 68	Pack group	II
	First aid	28, 36/37, 45		
	Spillage	SP3 C, P, H		

### Phenol/chloroform/isoamyl alcohol 25:24:1 mixture pH6.7/8.0

 This mixture is used for extracting protein from crude nucleic acid preparations. 32


Catalogue No	Quantity
<b>BPE17521-100</b>	100mL
<b>BPE17521-400</b>	400mL

#### Product specification

Assay	>99.0%
Optical absorbance:	
at 330nm	<0.2
at 405nm	<0.1
at 510nm	<0.1
pH	6.7 ±0.2
pH (with buffer)	8.0 ±0.2
Stability (4.0°C)	>1 year

Tris buffer is supplied separately and can be added to the solution to change the pH from 6.7 to 8.0.


### Phenol/chloroform/isoamyl alcohol 25:24:1 ratio pH8

 Extraction of proteins from crude nucleic acid preparations. 32

Catalogue No	Quantity
<b>BPE1752P-100</b>	100mL
<b>BPE1752P-400</b>	400mL

Supplied with separate Tris buffer to adjust pH to 8 prior to use in DNA extraction procedures.

### Phenol/chloroform/isoamyl alcohol 25:24:1 mixture pH5.2


 This mixture is used for extracting protein from nucleic acid preparations. 32

Catalogue No	Quantity
<b>BPE17531-100</b>	100mL
<b>BPE17531-400</b>	400mL

#### Product specification

Assay	≥99.0%
Optical absorbance:	
at 330nm	<0.2
at 405nm	<0.1
at 510nm	<0.1
pH (with buffer)	5.2 ±0.2
Stability (4.0°C)	>1 year

### Phenol/chloroform/isoamyl alcohol 125:24:1 mixture pH4.3

 Used to purify total RNA from mixtures containing RNA, DNA and protein. 32

Catalogue No	Quantity
<b>BPE17541-100</b>	100mL
<b>BPE17541-400</b>	400mL

#### Product specification

Assay	>99.0%
Optical absorbance:	
at 330nm	<0.2
at 405nm	<0.1
at 510nm	<0.1
pH (with buffer)	4.3 ±0.2
Stability (4.0°C)	>1 year

### DL-β-Phenylalanine CAS 150-30-1

First aid	Std.	EINECS	205-756-7
Fire	C, P, F, W		
Spillage	F		
Disposal	1, 9, 19		

### DL-β-Phenylalanine

 Amino acid 27

Catalogue No	Quantity
<b>P/2461/48</b>	100g

$C_9H_9CH_2CH(NH_2)COOH$  M.W. 165.19

#### Product specification

Assay	>98.5%
Melting point	about 270°C.(d)
Moisture	<0.5%
Residue after ignition	<0.1%
Iron (Fe)	<10ppm
Lead (Pb)	<10ppm

Chromatographically homogeneous.

### L-β-Phenylalanine CAS 63-91-2

First aid	Std.	EINECS	200-568-1
Fire	C, P, F, W		
Spillage	F		
Disposal	1, 9, 19		