



VINIKIT

Kits and Reagents
for analysis of
wines

PanReac 
AppliChem
ITW Reagents

Kits and Reagents for analysis of wines

PanReac AppliChem offers the VINIKIT line, a range of specific reagents for analysis of wines and other grape products for use in normal oenology analysis methods, such as: Reducing sugars, Total and volatile acidity or Sulfur Dioxide (SO₂), among others.

Plus our general catalogue also contains the vast majority of the reagents needed to carry out analysis in accordance with Commission Regulation (EEC) N° 2676/90 of 17 September 1990 determining Community methods for the analysis of wines.

Backed by the PanReac AppliChem quality guarantee that comes from the security of using high purity products manufactured in compliance with an ISO 9001 Quality Assurance System.

You can find more information about these products in our General Catalogue or on our website www.itwreagents.com.

VINIKIT



Complete list of kits and reagents for wine analysis

Bromothymol Blue solution 0.4%

for determination of total acidity in wine and must. pH indicator 6.0 yellow; 7.6 blue

Composition

Bromothymol Blue	0.4 g
Sodium Hydroxide 0.1 mol/l	1.8 ml
Ethanol absolute	50 ml
Water (s.q.m)	100 ml

Order Code

624566.1209		250 ml
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Calcium Hydroxide 2 mol/l (suspension)

for measurement of alcoholic strength by volume.

Composition

Calcium Hydroxide	14.8 g
Water (s.q.m)	100 ml

Order Code

625409.1209		250 ml
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Cupric Solution 0.168 mol/l

for determination of reducing sugars in wine, according to Rebelein method

Composition

Copper(II) Sulfate 5-hydrate	43 g
Sulfuric Acid 96%	7.485 ml
Water (s.q.m)	1 L

Order Code

624582.1210		500 ml
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Fehling's A Reagent

for determination of reducing sugars

Composition

Copper(II) Sulfate 5-hydrate	70 g
Sulfuric Acid 96%	1 ml
Water (s.q.m)	1 L

Order Code

624568.1209		250 ml
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Fehling's B Reagent

for determination of reducing sugars

Composition

Sodium Hydroxide	100 g
Potassium Sodium Tartrate 4-hydrate	346 g
Water (s.q.m)	1 L

Order Code

624569.1209		250 ml
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Folin-Ciocalteu's Reagent

phenol reagent

Composition	
Sodium Tungstate 2-hydrate	10 g
Sodium Molybdate 2-hydrate	2.5 g
ortho-Phosphoric Acid 85%	5 ml
Hydrochloric Acid 35%	10 ml
Lithium Sulfate 1-hydrate	15 g
Water (s.q.m)	100 ml

Order Code	Package
621567.1609	 250 ml

Hydrogen Peroxide 0.9% w/v (3 vol.)for determination of sulfur dioxide (SO₂), according to Paul

Composition	
Hydrogen Peroxide 30% w/v	3 ml
Water (s.q.m)	100 ml

Order Code	Package
624904.1210	 500 ml

Hydrogen Peroxide 3% w/v (10 vol.) stabilized

Order Code	Package
622772.1210	 500 ml
622772.1211	 1000 ml

Indicator 4.4, Mixed (Methyl Red-Methylene Blue)for determination of sulfur dioxide (SO₂) in wines, according to Paul. pH 4.4 violet; 5.8 green.

Composition	
Methyl Red	100 mg
Methylene Blue	50 mg
Ethanol absolute	50 ml
Water (s.q.m)	100 ml

Order Code	Package
624905.1208	 100 ml


Iodine 0.01 mol/l (0.02N)

for determination of free and total sulfur dioxide in wine and must. Indicator: Starch

Order Code	Package
621969.1609	 250 ml
621969.1610	 500 ml
621969.1611	 1000 ml

Iodine (Iodate-Iodide) N/128

for determination of sulfur dioxide in wines. Indicator: Starch.

Order Code	Package
625448.1211	 1000 ml

Phenolphthalein solution 1%

for determination of total acidity in wine and oils. pH indicator 8.0 colourless; 10.0 red violet.

Order Code	Package
621327.1209	 250 ml

Potassium Hydroxide 1 mol/l (1N)

potash liquor for determining sulfur dioxide in wines

Order Code	Package
621517.1210	 500 ml

Potassium Iodide solution 30% w/v

for determination of reducing sugar in wine, according to Rebelein method.

Composition	
Potassium Iodide	30 g
Water (s.q.m)	100 ml

Order Code	Package
624572.1210	 500 ml

Potassium Sodium Tartrate 0.886 mol/l, alkaline solution

for determination of reducing sugar in wine, according to Rebelein method.

Composition	
Sodium Hydroxide sol. 50% w/v	110 ml
Potassium Sodium Tartrate 4-hydrate	250 g
Water (s.q.m)	1 L

Order Code	Package
624573.1209	 250 ml

Rebelein's Kit

for determination of total sugars, according to Rebelein method

The kit consists of:

Cupric Solution 0.168 mol/l	1 x 500 ml
Potassium Sodium Tartrate 0.886 mol/l, alkaline solution	1 x 500 ml
Potassium Iodide solution 30% w/v	1 x 500 ml
Sulfuric Acid solution 16% v/v	1 x 500 ml
Sodium Thiosulfate 0.0551 mol/l (0.0551N)	1 x 1000 ml
Starch solution 2%	1 x 500 ml
Pumice Stone granules	1 x 5 g

Order Code	Package
624901.0922	 pack

Sodium Hydroxide 0.01 mol/lfor determination of sulfur dioxide (SO₂), according to Paul

Order Code	Package
621845.1210	 500 ml

Sodium Hydroxide 0.02 mol/l (0.02N)

for determination of real volatile acidity according to Garcia-Tena. Indicator: Phenolphthalein.

Order Code	Package
623397.1210	 500 ml

Sodium Hydroxide N/49

acidimetric liquor for determination of the volatile acidity in wine

Order Code	Package
624785.1210	 500 ml
624785.1211	 1000 ml

Sodium Hydroxide 0.1332 mol/l (0.1332N)

for determination of total acidity in wine and must

Order Code	Package
624835.1211	 1000 ml

Sodium Hydroxide N/4.9

acidimetric liquor for determination of total acidity in wine and must. Indicator: Bromophenol Blue

Order Code	Package
624782.1210	 500 ml
624782.1211	 1000 ml

Sodium Thiosulfate 0.0551 mol/l (0.0551N)

for determination of reducing sugars in wine, according to Rebelein method. Indicator: Starch

Order Code	Package
624576.1211	 1000 ml

Starch solution 1%

for determination of sulfur dioxide in wines.

Order Code	Package
623146.1208	 100 ml
623146.1210	 500 ml

Starch solution 2%

for determination of reducing sugar in wine, according to Rebelein method.

Order Code	Package
624567.1210	 500 ml

Sulfuric Acid solution 1/3 w/vacid liquor for determination of sulfur dioxide (SO₂) in wines

Composition	
Sulfuric Acid 96%	20 ml
Water (s.q.m)	100 ml

Order Code	Package
621062.1209	 250 ml
621062.1210	 500 ml
621062.1211	 1000 ml

Sulfuric Acid solution 16% v/v

acid solution for determination of reducing sugars in wine, according to Rebelein method

Composition	
Sulfuric Acid 96%	18 ml
Water (s.q.m)	100 ml

Order Code	Package
624570.1210	 500 ml



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