

Sorachim

Wine and Food Analysis



Featured products

We selected the best raw materials for your food and wine analysis applications.

Glucose-6-Phosphate Dehydrogenase

→ Michaelis constants :

NAD⁺ linked: $2.4 \times 10^{-4} \text{M}$ (NAD⁺), $4.7 \times 10^{-4} \text{M}$ (G6P)

NADP⁺ linked: $7.4 \times 10^{-6} \text{M}$ (NADP⁺), $3.2 \times 10^{-4} \text{M}$ (G6P) ←

→ Stable at -20°C for at least 12 months ←

→ EC # 1.1.1.49 ←

→ Molecular weight : 140,000 (Gel filtration) ←

Lactate Dehydrogenase

→ Stable at -20 °C for at least 12 months ←

→ EC # 1.1.1.27 ←

→ Molecular weight : Approx. 140,000 ←

Invertase

→ Michaelis constant : $1.5 \times 10^{-2} \text{M}$ (Saccharose) ←

→ Stable at - 20°C for at least 12 months ←

→ EC # 3.2.1.26 ←

→ Molecular weight : approx. 260,000 ←

Glutamic-oxaloacetic Transaminase

→ Store at -20°C for at least 12 months ←

→ EC # 2.6.1.1 ←

→ Molecular weight : approx. 92,000 ←

Coenzyme A, Trilithium salt

→ Molecular formula : $\text{C}_{21}\text{H}_{33}\text{N}_7\text{O}_{16}\text{P}_3\text{SLi}_3$ ←

→ At least one year at -20 °C ←

→ CAS # 18439-24-2 ←

→ Molecular weight : 785.4 ←

AMMONIA

CODES	PRODUCTS	CAS #
GTD-211	Glutamate dehydrogenase (NAD dependent) from Microorganism Activity: > 100 U/mg White amorphous powder Mw: 260,000 Store at -20 °C	1.4.1.2

ETHANOL

CODES	PRODUCTS	CAS #
ALD-001	Alcohol dehydrogenase from Yeast Activity: > 100 U/mg White powder Mw: 141,000 Store at -20 °C	1.1.1.1

GLUCOSE, FRUCTOSE

CODES	PRODUCTS	CAS #
G6D-321	Glucose-6- phosphate dehydrogenase from Microorganism Activity: > 200 U/mg White amorphous powder Mw: 140,000 Store at -20 °C	1.1.1.49
HXK-311	Hexokinase from Microorganism Activity: > 150 U/mg White amorphous powder Mw: 82,000 Store at -20 °C	2.7.1.1

GLYCEROL

CODES	PRODUCTS	CAS #
GYD-301	Glycerol dehydrogenase from Cellulomonas sp. Activity: > 50 U/mg White amorphous powder Mw: 390,000 Store at -20 °C	1.1.1.6
GYK-311	Glycerol kinase from Microorganism Activity: > 30 U/mg White amorphous powder Mw: 220,000 Store at -20 °C	2.7.1.30
PYK-302L	Pyruvate kinase from Rabbit muscle Activity: > 2,000 U/ml White ammonium sulphate suspension Mw: 237,000 Store at 2 - 8 °C	2.7.1.40
LLD-14C	Lactate dehydrogenase from Rabbit muscle Activity: > 331 U/mg White amorphous powder Store at -20°C	1.1.1.27

LACTIC ADID

CODES	PRODUCTS	CAS #
GPT-30C	Glutamic-pyruvate transaminase from Porcine heart Activity: > 70 U/mg Yellow-green amorphous powder Mw: 100,000 Store at -20 °C	2.6.1.2
LLD-14C	Lactate dehydrogenase from Rabbit muscle Activity: > 331 U/mg White amorphous powder Store at -20°C	1.1.1.27
GLT-100	L-Glutamic acid $C_5H_9NO_4$ - Mw: 147.13 White powder - Purity: > 99 %	617-65-2

LACTOSE/GALACTOSE

CODES	PRODUCTS	CAS #
GAH-201	β-Galactosidase from Escherichia coli Activity: > 500 U/mg White amorphous powder Mw: 540,000 Store at -20 °C	3.2.1.23

LACTOSE/SUCROSE

CODES	PRODUCTS	CAS #
IVH-101	Invertase from <i>Candida</i> sp. Activity: > 100 U/mg White amorphous powder Mw: 260,000 Store at -20 °C	3.2.1.26

GLUCOSE

CODES	PRODUCTS	CAS #
GAH-201	β-Galactosidase from <i>Escherichia coli</i> Activity: > 500 U/mg White amorphous powder Mw: 540,000 Store at -20 °C	3.2.1.23
GLO-202A	Glucose oxidase from <i>Aspergillus</i> sp. Activity: > 250 U/mg Yellowish amorphous powder Mw: 153,000 Store at -20 °C	1.1.3.4
PEO-701	Peroxidase from Horseradish Activity: > 60 U/mg, RZ > 0.6 Reddish-brown amorphous powder Mw: 40,000 Store at -20 °C	1.11.1.7

MALIC ACID

CODES	PRODUCTS	CAS #
GOT-30C	Glutamic-oxaloacetic transaminase from Porcine heart Activity: > 50 U/mg Yellow-green amorphous powder Mw: 92,000 Store at -20 °C	2.6.1.1
MDH-18C	Malate dehydrogenase from Pig heart Activity: > 1250 U/mg prot. White amorphous powder Mw: 140,000 Store at -20 °C	1.1.1.37
GLT-100	L-Glutamic acid $C_5H_9NO_4$ - Mw: 147.13 White powder - Purity: > 99 %	617-65-2

COENZYMES

CODES	PRODUCTS	CAS #
ATP-03C	ATP-$\text{Na}_2 \cdot 3\text{H}_2\text{O}$ - Adenosine 5'-triphosphate disodium salt trihydrate $\text{C}_{10}\text{H}_{14}\text{N}_5\text{Na}_2\text{O}_{13}\text{P}_3 \cdot 3\text{H}_2\text{O}$ - Mw : 605.19 White powder - Purity : > 96 %	987-65-5
AMP-02C	AMP - Adenosine 5'-monophosphoric acid $\text{C}_{10}\text{H}_{14}\text{N}_5\text{O}_7\text{P} \cdot \text{H}_2\text{O}$ - Mw : 365.20 White powder - Purity : > 98 %	18422-05-4
COA-11C	Coenzyme A trilithium salt $\text{C}_{21}\text{H}_{33}\text{Li}_3\text{N}_7\text{O}_{16}\text{P}_3\text{S}$ - Mw : 785.40 White powder - Purity : > 85 %	18439-24-2
BNH-208A	NADH-Na_2 - β -Nicotinamide-adenine dinucleotide, reduced disodium salt $\text{C}_{21}\text{H}_{27}\text{N}_7\text{P}_2\text{O}_{14}\text{Na}_2$ - Mw : 709.40 White to yellowish powder - Purity : > 98 %	606-68-8
BNA-207A	NAD - β -Nicotinamide-adenine dinucleotide $\text{C}_{21}\text{H}_{27}\text{N}_7\text{O}_{14}\text{P}_2$ - Mw : 663.4 White powder - Purity : > 98 %	53-84-9
BNP-209A	NADP-Na_2 - β -Nicotinamide-adenine dinucleotide phosphate disodium salt $\text{C}_{21}\text{H}_{26}\text{N}_7\text{O}_{17}\text{P}_3\text{Na}_2$ - Mw : 787.40 Yellowish powder - Purity : > 98 %	24292-60-2
BND-210C	NADPH-Na_4 β -Nicotinamide-adenine dinucleotide phosphate, reduced tetrasodium salt $\text{C}_{21}\text{H}_{26}\text{N}_7\text{O}_{17}\text{P}_3\text{Na}_4$ - Mw : 833.40 White powder - Purity : > 93 %	2646-71-1





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