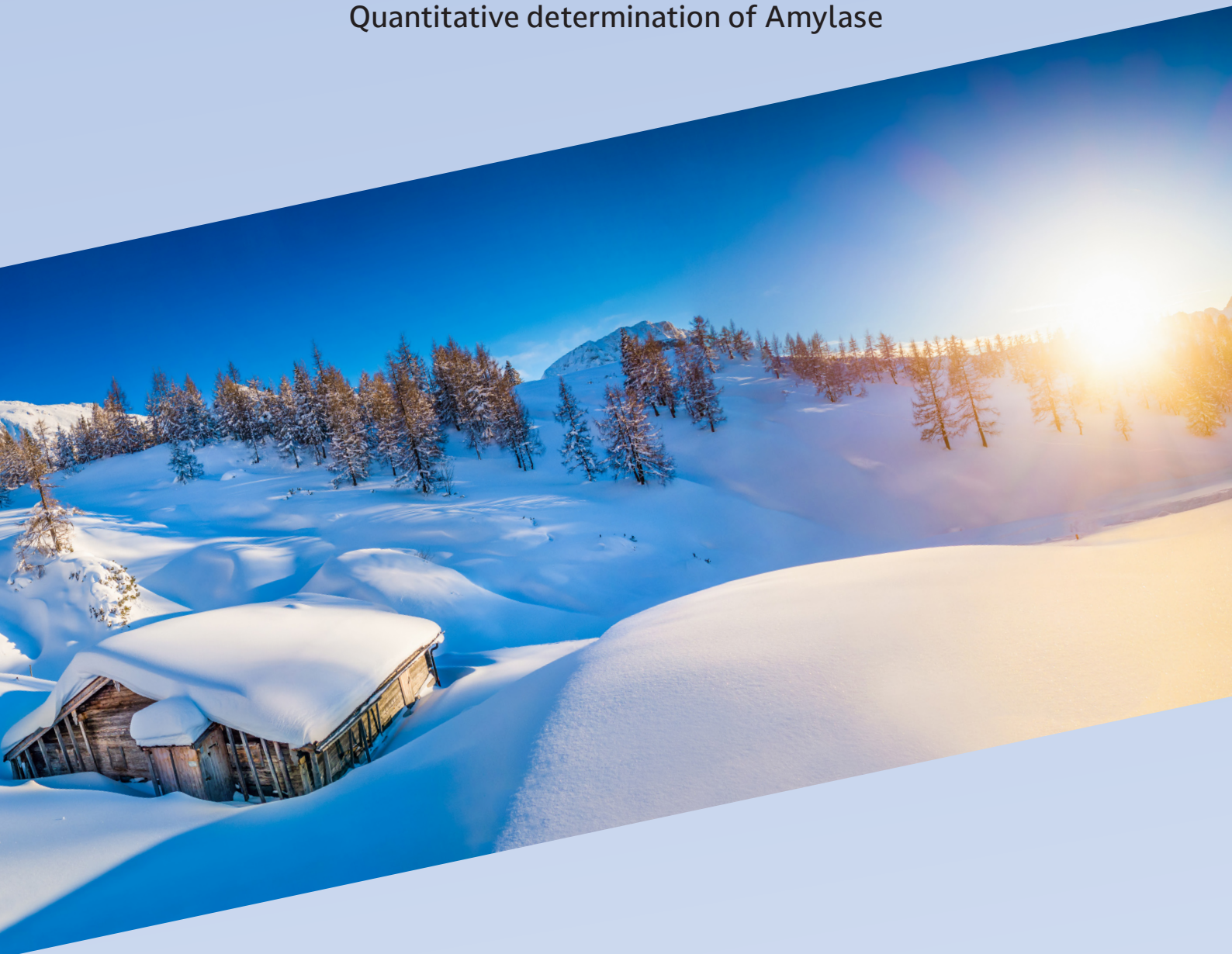


Amylase

Quantitative determination of Amylase



Featured products:

→ GAL-G2- α -CNP [CNP-005](#)

→ MES [MES-001](#)

AMYLASE FEATURED PRODUCTS

Principle



GAL-G2- α -CNP (α -(2-Chloro-4-nitrophenyl)- β -1,4-galactopyranosylmaltoside)

Ref: [CNP-005](#)

Stability	Store at -20 °C
Solubility	Clear solution in water

MES (2-(N-morpholino)ethanesulfonic acid)

Ref: [MES-001](#)

Stability	At least 2 years at room temperature
Assay	> 99 %
Storage	Room temperature. Protect from moisture
pH (0.5M, H ₂ O)	2.5 - 4.0

AMYLASE

SORACHIM REAGENT RESULTS

Reagents

R

MES pH 6,0
CNP2
Calcium acetate
Potassium thiocyanate
Sodium azide

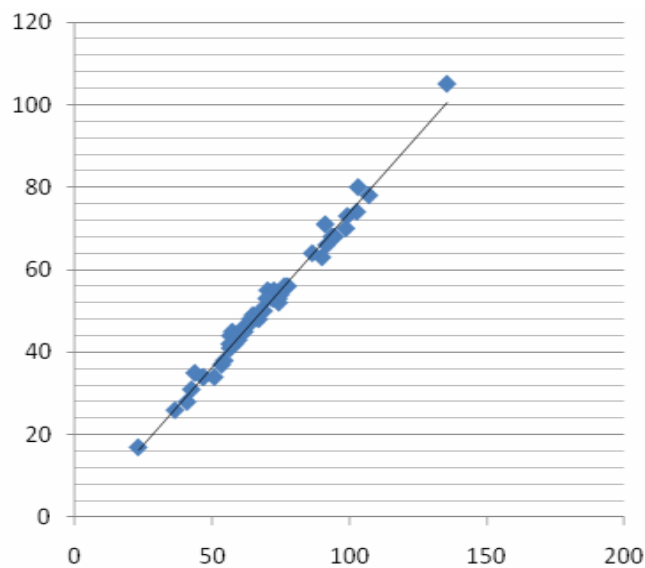
Linearity limit: 2200 U/L

Measuring range: From detection limit of 0,2439 U/L to linearity limit of 2200 U/L.

	Intra-assay (n=20)		Inter-assay (n=20)	
Mean (mg/dL)	77	194	77	197
SD	1,12	2,22	1,08	2,96
CV (%)	1,45	1,15	1,39	1,50

Accuracy

Correlation coefficient (r^2): 0,98628.
Regression equation: $y = 0,746x - 1,2697$.



STABILITY DATA

Normal Control Serum (NC): Target value 82 U/L, Range 67-97 U/L

Pathological Control Serum (PC): Target value 204 U/L, Range 168-240 U/L

Reagent stability at 37°C

RESULTS DAY 0 (U/L)	NC: 77 PC: 193	NC: 77 PC: 194	NC: 77 PC: 194
RESULTS DAY 15 (U/L)	NC: 78 PC: 194	NC: 79 PC: 195	NC: 78 PC: 195
RESULTS DAY 30 (U/L)	NC: 79 PC: 195	NC: 80 PC: 197	NC: 80 PC: 196

Stable for 24 months



ADDITIONAL PRODUCTS



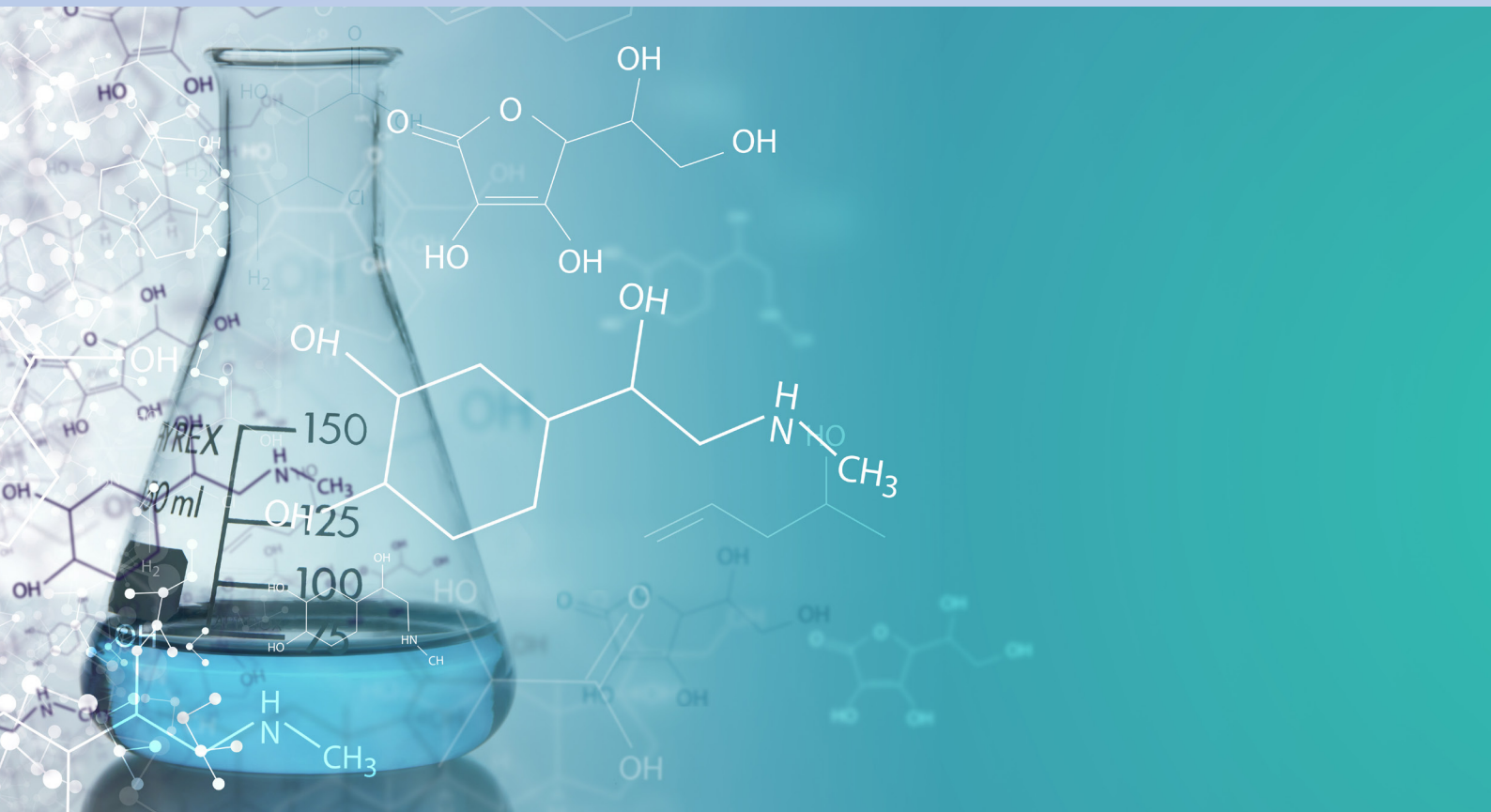
→ Sodium azide [SAZ-167C](#)

Sodium azide

NaN_3 - Mw : 65.02

White powder - Purity : > 99 %





Your partner for Diagnostic Reagents



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