

ENZYMES

BY

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Malate Dehydrogenase from Pig heart

MDH-18C

SPECIFICATIONS

Product name	(S)-malate: NAD ⁺ oxidoreductase
EC	1.1.1.37
Appearance	White amorphous powder, lyophilized
Activity	100 U/mg powder or more
Specific activity	1250 U/mg protein or more
Contaminants	GOT : $\leq 5.0 \times 10^{-3}\%$ Lactate dehydrogenase : $\leq 5.0 \times 10^{-3}\%$ Fumarase : $\leq 1.0 \times 10^{-3}\%$ CK: $\leq 5.0 \times 10^{-3}\%$ GPT: $\leq 5.0 \times 10^{-3}\%$ Glutamate Dehydrogenase: $\leq 1.0 \times 10^{-3}\%$
Stability	Stable at -20°C for at least 12 months
Substrate specificity	The enzyme is specific for L-malic acid.