Creative Enzymes®

lactaldehyde dehydrogenase

Cat. No. EXWM-1128

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the aldehyde or oxo group of donor with NAD+ or NADP+ as acceptor. The systematic name of this enzyme class is (S)-lactaldehyde:NAD+ oxidoreductase. Other names in common use include L-lactaldehyde:NAD+ oxidoreductase, and nicotinamide adenine dinucleotide (NAD+)-linked dehydrogenase. This enzyme participates in pyruvate metabolism.
Synonyms	L-lactaldehyde:NAD oxidoreductase; nicotinamide adenine dinucleotide (NAD)-linked dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.2.1.22
CAS No.	37250-90-1
Reaction	(S)-lactaldehyde + NAD+ + H2O = (S)-lactate + NADH + 2 H+
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.