

Criteria	ADH	MEOS	Catalase
Intracellular localization	Cytosol	Endoplasmic reticulum	Peroxisomes
Cofactor pH optimum	NAD 11	NADPH; O ₂ 6.9–7.5	H ₂ O ₂ 5.5
Substrate specificity – Methanol – Ethanol – Propanol – Butanol – Pentol	++ +++ ++++ ++++ ++++	++ ++++ +++ ++ +	++++ ++++ (+) ∅ ∅
Increase in enzyme activity following chronic consumption of alcohol	∅	++++ (♂ > ♀)	∅