

Enzyme Data

BCC-Nr.	108
Enzyme	Alcohol Dehydrogenase – S5
EC-No.	1.1.1.1
T _{opt}	30 °C
pH _{opt}	8.0
Stability	Stable at -20 °C
KM (mM)	0.07 NAD ⁺ , 0.1 NADH
Activity and substrate specificity	Acetaldehyde, butanon, 2-propanon, hexanal, 2-hexanon
Application	Synthesis of hydroxy compounds, stable in organic solvents
Commentary	Enzymatic catalysis in organic solvents
Formulation	In glycerol or lyophilized