

## Enzyme Data

<b>BCC-Nr.</b>	<b>105</b>
<b>Enzyme</b>	<b>Alcohol Dehydrogenase – S4</b>
EC-No.	1.1.1.1
T <sub>opt</sub>	30 °C
pH <sub>opt</sub>	8.0
Stability	Stable at -20 °C
KM (mM)	0.8 NADPH
Activity and substrate specificity	S4-ADH shows a broad substrate specificity that includes linear and branched primary alcohols, linear and cyclic secondary alcohols, linear and cyclic ketones, and acetaldehyde
Application	Synthesis of enantiomerically pure alcohols with S-configuration
Commentary	Stable at 60 °C
Formulation	In glycerol or lyophilized