

Enzyme Data

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|------------------------------------|---|
| BCC-Nr. | 095 |
| Enzyme | Alcohol Oxidase OX2 |
| EC-No. | 1.1.3.13 |
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| T _{opt} | 30 °C |
| pH _{opt} | 8.0 |
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| Stability | Stable at -20 °C |
| KM (mM) | 2.15 methanol; 2.6 formaldehyde |
| Activity and substrate specificity | 81% of the activity with methanol, Ethanol: 97% of the activity with methanol. Isoamylalcohol: 3% of the activity with methanol |
| Application | Determination, oxidation of primary alcohols |
| Commentary | OX2 is probably identical with methanol oxidase 1.1.3.31 |
| Formulation | In glycerol or lyophilized |