

CYCLOLAB



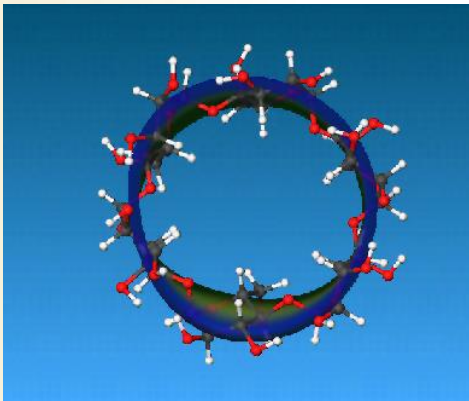
The Cyclodextrin Company



Recovery of Cyclodextrins from Fermentation Media

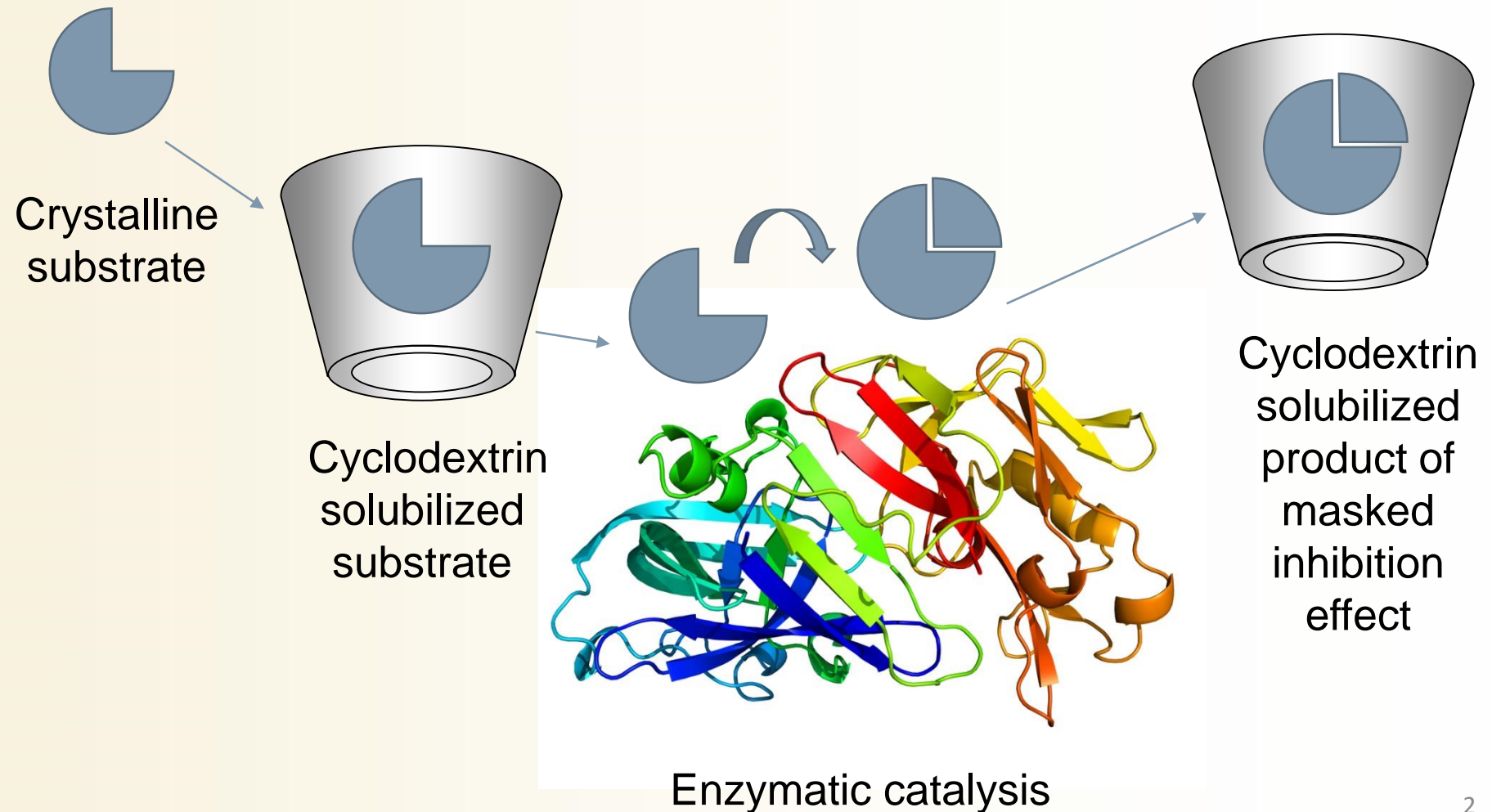
CYCLOLAB R&D Ltd.

An ISO 9001:2008 qualified company

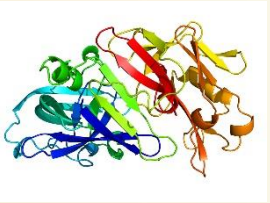
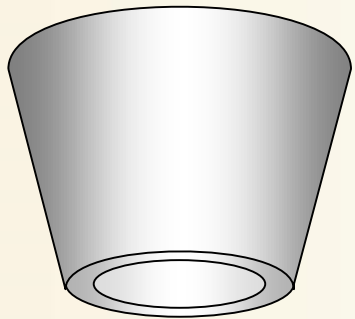


Technology Presentation

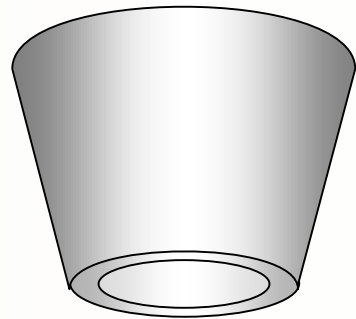
Role of cyclodextrins in biocatalytic / fermentation processes



Economic cyclodextrin recycling may be designed



bye-products



Cycle 1

Cycle 2



Economic cyclodextrin recycling may be designed



Fermentation residue #1



Recovered cyclodextrin solution #1



Fermentation residue #2



Recovered cyclodextrin solution #2



Suitable cyclodextrins for recycling

- (2-Hydroxypropyl)-beta-cyclodextrin (HPBCD)
- Heptakis(2,6-di-O-methyl)-beta-cyclodextrin (DIMEB)
- Methyl-alpha-cyclodextrin (RAMEA)
- Methyl-beta-cyclodextrin (RAMEB)



Thank you for your attention!

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