

Alcohol Dehydrogenase Mediated Lactonization of 1,6-Hexanediol

by

Choaro David Dithugoe

Submitted in fulfilment of the requirements for the
degree

Magister Scientiae

In the Department of Microbial, Biochemical and Food
Biotechnology

Faculty of Natural and Agricultural Sciences

University of the Free State

January 2018

Supervisor: Prof. D. J. Opperman

Co-supervisor: Prof. M. S. Smit

UNIVERSITY OF THE
FREE STATE
UNIVERSITEIT VAN DIE
VRYSTAAT
YUNIVESITHI YA
FREISTATA



UFS·UV

NATURAL AND
AGRICULTURAL SCIENCES
NATUUR- EN
LANDBOUWETENSAPPE

MICROBIOLOGY AND BIOCHEMISTRY
MIKROBIOLOGIE EN BIOCHEMIE