

*“In Loving Memory of my
Late Grandmother Pötsangbam Öngbi
R.K. Sanjaöbi Devi (Eigya)”*

Declaration

I hereby declare that this thesis entitled “**Purification and characterization of a lectin from fruiting body of *Lentinus cladopus* Lév.**” comprises the results of my own research work which was carried out in the Department of Biochemistry, Manipur University, Canchipur, Imphal, Manipur under the guidance and supervision of **Dr. S. Kunjeshwori Devi**, Professor, Department of Biochemistry, Manipur University and that it is not substantially same as any other thesis which has already been submitted to this or any other University.

Dated:
Canchipur, Imphal

(Huidrom Rully)
Ph.D. Registration No. 2368/2007

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Dated:

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ABBREVIATIONS

°C	Degree -Celsius
AAL	<i>Aleuria aurantia</i> lectin
BSA	bovine serum albumin
CM	Carboxymethyl
DEAE	Diethylaminoethyl
EDTA	Ethylene diaminetetra acetic acid
ESI	<i>Electrospray Ionization</i>
HAU	Hemagglutination unit
HIV	Human immunodeficiency virus
HPLC	High performance liquid chromatography
kDa	Kilo Dalton
LC-MS/MS	Liquid chromatography-tandem mass spectrometry
M	Molar
MBP	Mannose binding protein
mg	Milligram
min	Minute
mL	Millilitre
mM	Milli molar
M _r	Relative molecular weight
N	Normal
PAGE	Polyacrylamide gel electrophoresis
PHA	Phytohemagglutinin
PMF	Peptide mass finger printing
RBC	Red Blood Corpuscles
RCA	<i>Ricinus communis</i> agglutinin
RCD	Carbohydrate recognition domains
SBA	Soybean agglutinin
SDS	Sodium dodecyl sulphate
Sec	Second
TCA	Trichloro acetic acid
TEMED	N,N,N',N'-tetramethylethylenediamine
Tris	tris (hydroxymethyl) aminomethane

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