

LIST OF ABBREVIATIONS

OD ₆₀₀	=	Optical density measured at 600 nm
OD ₇₅₀	=	Optical density measured at 750nm
DI	=	Deionized water
μl	=	Microliters
μg	=	Microgram
L	=	Litter
pH	=	Potential of hydrogen
TB	=	Terrific Broth (TB) medium
LB	=	Lysogeny broth
SOB	=	Super optimal broth
M9 modified	=	M9 minimal medium modified
FM	=	For medium auto-induced
h	=	hour(s)
°C	=	Degree(s) Celsius
w/w	=	Weight per weight
v/v	=	Volume per volume
g/L	=	Gram(s) per Liter
g	=	gram
Mpa	=	Megapascal
vvm	=	Volume per volume per liter of air
C2GnT-L	=	2 beta 1,6-N-acetylglucosaminyltransferase
CBD	=	Cannabidiol
DMSO	=	Dimethyl sulfoxide
DNA	=	Deoxyribonucleic acid
DNS	=	3, 5 Dinitrosalicylic acid
glc-1-P	=	Glucose 1-phosphate
GlcNAc-1-P	=	Amino sugar N-acetylglucosamine 1-phosphate glucuronosyltransferase

LIST OF ABBREVIATIONS (Continued)

GT42	=	Glycosyltransferase family 42
HPLC	=	High Performance Liquid Chromatography
IPTG	=	Isopropyl β - D -1-thiogalactopyranoside
LC/MS/MS	=	Liquid chromatography – mass spectrometry
ml	=	Milliliter(s)
mm	=	Millimeter(s)
mM	=	Millimolar
rpm	=	Rotations per minute
RSM	=	Response surface methodology
SrUGT76G1	=	<i>Stevia rebaudiana</i> Uridine 5'-diphospho-
TLC	=	Thin layer chromatography
UDP	=	Uridine diphosphate sodium salt
UDP-Glc	=	Uridine diphosphate glucose
UDP-GlcNAc	=	Uridine – diphosphate – N- acetylglucosamine
UMP	=	Uridine monophosphate
UTP	=	Uridine – 5' – triphosphate
UV	=	Ultraviolet
β -1,6-GlcNAc	=	Beta – 1,6 – N-acetylglucosamine