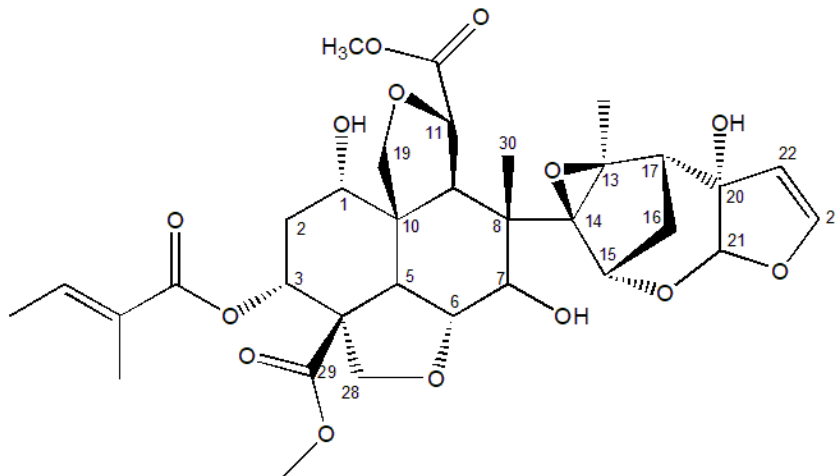


Certificate of Analysis



PRODUCT	Azadirachtin B
BATCH #	040-139-207
ASSAY METHOD	HPLC, ¹ H-NMR
REPORT DATE	2022-02-01
CHEMICAL NAME	[(1S,2R,4S,6S,7S,10R,11R,16R,18R)-6-(furan-3-yl)-1,7,11,15,15-pentamethyl-5,14-dioxo-3-oxapentacyclo[8.8.0.0.2,4.0.2,7.0.11,16]octadec-12-en-18-yl] acetate
SMILES STRUCTURE	<chem>CC(=O)OC1CC2C(C(=O)C=CC2(C3C1(C45C(O4)C(=O)C(C5(CC3)C)C6=COC=C6)C)C)C</chem>
OTHER NAMES	Deacetylazadirachtinol
CHEMICAL FORMULA	C ₃₃ H ₄₂ O ₁₄
MOLECULAR WEIGHT	662.68 g/mol
CAS REG. #	95507-03-2
STORAGE	<-20 degrees C; dark
EXPIRATION DATE	2024-02-01
NOTES	

Analytical Data

TEST	METHOD	SPECIFICATION	RESULT
HPLC	217 nm	>95%	96.3%
¹ H-NMR		Conforms	Conforms
Residual Solvents		0.07%	
Appearance	White crystalline powder		
Adjusted Purity	96.23%		

Signed: Jan Glinski, Ph.D.
 Planta Analytica, LLC
 2/1/2022

