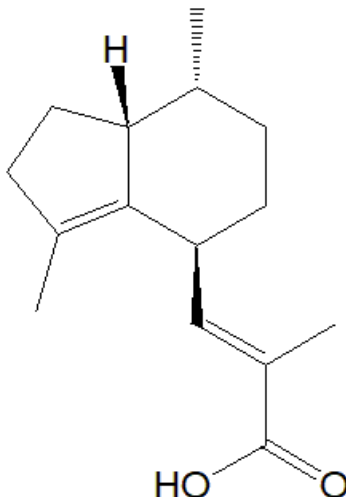


Certificate of Analysis



PRODUCT	Valerenic Acid
BATCH #	047-050-302
ASSAY METHOD	HPLC
REPORT DATE	2022-03-02
CHEMICAL NAME	(E)-3-[(4S,7R,7aR)-3,7-dimethyl-2,4,5,6,7,7a-hexahydro-1H-inden-4-yl]-2-methylprop-2-enoic acid
SMILES STRUCTURE	CC1CCC(C2=C(CCC12)C)C=C(C)C(=O)O
CHEMICAL FORMULA	C ₁₅ H ₂₂ O ₂
MOLECULAR WEIGHT	234.33
CAS REG. #	3569-10-6
STORAGE	<-20 degrees C; dark
EXPIRATION DATE	2025-03-02

Analytical Data

TEST	METHOD	SPECIFICATION	RESULT
HPLC	210 nm	>95%	99.7%
Appearance	White crystallin		
Mass (mg)	6583		

Signed: Jan Glinski, Ph.D.
 Planta Analytica, LLC
 3/2/2022

