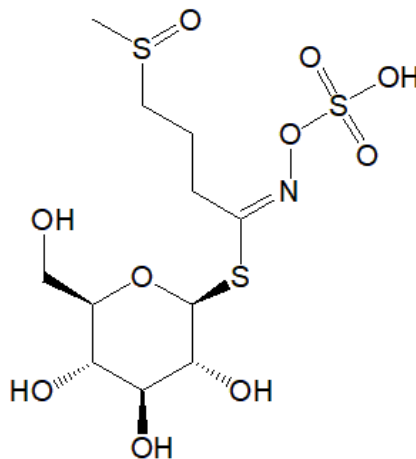


Certificate of Analysis



PRODUCT	<i>Glucioberin</i>
BATCH #	044-013-301
ASSAY METHOD	HPLC, ¹ HNMR
REPORT DATE	2021-02-02
CHEMICAL NAME	[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl] (1Z)-4-methylsulfinyl-N-sulfoxybutanimidothioate omega-[(methylsulfinyl)alkyl]glucosinolic acid
SMILES STRUCTURE	CS(=O)CCCC(=NOS(=O)(=O)O)SC1C(C(C(C(O1)CO)O)O)O
OTHER NAMES	3-(Methylsulfinyl)propylglucosinolate potassium salt
CHEMICAL FORMULA	C ₁₁ H ₂₀ NO ₁₀ S ₃ K
MOLECULAR WEIGHT	461.57 g/mol
CAS REG. #	15592-34-4
STORAGE	<-20 degrees C; dark
EXPIRATION DATE	2022-02-02
NOTES	

Analytical Data

TEST	METHOD	SPECIFICATION	RESULT
HPLC	217 nm	>98.0%	98.5%
¹ H-NMR		Conforms	Conforms
Residual Solvents		Enter percent.	
Appearance		White powder	
Adjusted Purity		98.5%	

Signed: Jan Glinski, Ph.D.
 Planta Analytica, LLC
 2/22/2021

