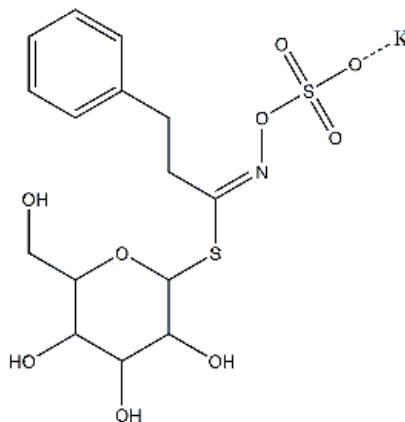


Certificate of Analysis

Product Information





PRODUCT	Gluconasturtiin Potassium Salt
BATCH #	052-074-001
ASSAY METHOD	HPLC UV
REPORT DATE	8/9/2024
CHEMICAL NAME	Potassium;[(E)-C-(2-phenylethyl)-N-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]sulfanylcarbonimidoyl] sulfate
SMILES STRUCTURE	<chem>C1=CC=C(C=C1)CCC(=NSC2C(C(C(C(O2)CO)O)O)O)OS(=O)(=O)[O-].[K+]</chem>
OTHER NAMES	2-Phenylethyl glucosinolate potassium salt
CHEMICAL FORMULA	C ₁₅ H ₂₀ NO ₉ S ₂ K
MOLECULAR WEIGHT	461.6 g/mol
CAS REGISTRY #	18425-76-8
STORAGE	<-18 °C; in dark
EXPIRATION DATE	8/9/2025
NOTES	Sample is hygroscopic.

Analytical Data

TEST	METHOD	SPECIFICATION	RESULT
HPLC-UV	230 nm	>95%	100.0%
Appearance	Powder, white		

The producer certifies that this reference material meets the specifications stated in this certificate until the expiration date, provided it is stored unopened at the recommended conditions. All analytical data is prepared and stored following GLP guidelines.

CERTIFIED BY	CERTIFIER TITLE	CERTIFIED ON	SIGNATURE
B. Silverman	Senior Scientist	8/9/2024	
REVIEWED BY	REVIEWER TITLE	REVIEWED ON	SIGNATURE
D. McAllister	Scientist II	8/9/2024	

Intended Use

This reference material is intended for laboratory use in analytical applications and as a quality control standard.

Safety

Proper precautions should be observed while handling, as defined in the Materials Safety Data Sheet (MSDS).

Storage

The product should be stored in the original packaging, sealed, and in the conditions dedicated in this certificate