

## **Ground Kudzu (Pueraria montana var. lobata) Rhizome**

Art. ID	NIST-8650
Unit	5 x 3 g
Deliverydetails	No Dangerous Good /not restricted

### Description

This Reference Material (RM) is intended primarily for use in evaluating analytical methods for the determination of isoflavones and elements in kudzu rhizomes and similar matrices. RM 8650 provides a common matrix to those in the botanical supplements community who may wish to conduct research studies. This RM has also been characterized for its DNA sequence. A unit of RM 8650 consists of five packets, each containing approximately 3 g of kudzu rhizome powder. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Reference Mass Fraction Value	Puerarin	[3681-99-0]	32,2 ± 3,2	mg/g		
Reference Mass Fraction Value	Daidzin	[552-66-9]	4,21 ± 0,43	mg/g		
Reference Mass Fraction Value	Daidzein	[486-66-8]	4,17 ± 0,43	mg/g		
Reference Mass Fraction Value	Arsenic (As)	[7440-38-2]	0,156 ± 0,014	mg/kg		
Reference Mass Fraction Value	Cadmium (Cd)	[7440-43-9]	0,348 ± 0,014	mg/kg		
Reference Mass Fraction Value	Lead (Pb)	[7439-92-1]	1,159 ± 0,046	mg/kg		