

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		