

Soy-Containing Solid Oral Dosage Form

Art. ID	NIST-8188
Unit	5 x 2.6 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Reference Material (RM) is intended primarily for evaluation of methods for determining isoflavones in solid oral dosage forms containing soy and in similar matrices. This RM can also be used for quality assurance when assigning values to in-house reference materials. A unit of RM 8188 consists of 5 packets, each packet containing approximately 2.6 g of material. The development of RM 8188 was a collaboration between the National Institute of Standards and Technology (NIST) and the National Institutes of Health, Office of Dietary Supplements (NIH-ODS). Due to the lack of measurement capability at NIST to maintain the certified mass fractions values of isoflavones, SRM 3238 no longer meets international quality standards (ISO 17034) for serving as a certified reference material. However, the material continues to meet ISO 17034 standards as a reference material and is thus being offered as RM 8188. /// Sample value(s) - please ask for current report of investigation.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Non-Certified Mass Fraction Value (Dry-Mass Basis)	Daidzein	[486-66-8]	241 ± 5	mg/kg		
Non-Certified Mass Fraction Value (Dry-Mass Basis)	Genistein	[446-72-0]	108 ± 10	mg/kg		
Non-Certified Mass Fraction Value (Dry-Mass Basis)	Genistin	[529-59-9]	12700 ± 530	mg/kg		
Non-Certified Mass Fraction Value (Dry-Mass Basis)	Glycitein	[40957-83-3]	211 ± 5	mg/kg		
Non-Certified Mass Fraction Value (Dry-Mass Basis) Value was determined using a hydrolysis approach, and therefore represents total glycosides (sum of glycoside, malonyl-glycoside, and acetyl-glycoside present in the material).	Glycitin	[40246-10-4]	3760 ± 180	mg/kg		
Non-Certified Mass Fraction Value (Dry-Mass Basis)	Daidzin	[552-66-9]	13400 ± 2400	mg/kg		

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