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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 Frac	Daidzein	[486-66-8]	241 ± 5	mg/kg		
tion Value (Dry-Mass Ba						
sis)						
Non-Certified Mass Frac	Genistein	[446-72-0]	108 ± 10	mg/kg		
tion Value (Dry-Mass Ba						
sis)						
Non-Certified Mass Frac	Genistin	[529-59-9]	12700 ± 530	mg/kg		
tion Value (Dry-Mass Ba						
sis)						
Non-Certified Mass Frac	Glycitein	[40957-83-3]	211 ± 5	mg/kg		
tion Value (Dry-Mass Ba						
sis)						
Non-Certified Mass Frac	Glycitin	[40246-10-4]	3760 ± 180	mg/kg		
tion Value (Dry-Mass Ba						
sis) Value was determin						
ed using a hydrolysis a						
pproach, and therefore						
represents total glycos						
ides (sum of glycoside,						
malonyl-glycoside, and						
acetyl-glycoside prese						
nt in the material).						
Non-Certified Mass Frac	Daidzin	[552-66-9]	13400 ± 2400	mg/kg		
tion Value (Dry-Mass Ba						



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