

## Soy Protein Isolate

Art. ID	NIST-8186
Unit	5 x 10 g
Deliverydetails	No Dangerous Good /not restricted

### Description

This Reference Material (RM) is intended primarily for evaluation of methods for determining isoflavones in soy protein isolates and similar materials. This RM can also be used for quality assurance when assigning values to in-house reference materials. The RM is a soy protein isolate prepared by a manufacturer of food and agricultural products. A unit of RM 8186 consists of 5 packets, each packet containing approximately 10 g of powder. The development of RM 8186 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 3236 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 8186. /// 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	Daidzein	[486-66-8]	104,3 ± 0,5	mg/kg		
Non-Certified Mass Fraction Value	Daidzin	[552-66-9]	174 ± 23	mg/kg		
Non-Certified Mass Fraction Value	Genistein	[446-72-0]	183 ± 14	mg/kg		
Non-Certified Mass Fraction Value	Genistin	[529-59-9]	329 ± 10	mg/kg		
Non-Certified Mass Fraction Value	Glycitein	[40957-83-3]	22,7 ± 0,2	mg/kg		
Non-Certified Mass Fraction Value	Glycitin	[40246-10-4]	31,4 ± 0,5	mg/kg		