

Out of Stock - Item is not available at this time - St. John's Wort (Hypericum perforatum L.) Methanol Extract - Chlorogenic acid, flavonoids, naphthodianthrones, and toxic elements

Art. ID	NIST-3264
Unit	5 packets x 1,6 grams
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is intended primarily for use in validating analytical methods for the determination of chlorogenic acid, flavonoids, naphthodianthrones, and toxic elements in methanol extracts of Hypericum perforatum L. and similar materials. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value, Covera ge factor k = 2	Cadmium (Cd)	[7440-43-9]	41,64 ± 0,53	µg/kg		
Certified value, Covera ge factor k = 2,57	Lead (Pb)	[7439-92-1]	30,3 ± 1,8	µg/kg		
Reference value, Covera ge factor k = 2,09	Chlorogenic acid	[327-97-9]	1,050 ± 0,059	mg/g		
Reference value, Covera ge factor k = 2,09	Rutin	[153-18-4]	34,3 ± 1,7	mg/g		
Reference value, Covera ge factor k = 2,09	Hyperoside	[482-36-0]	17,66 ± 0,88	mg/g		
Reference value, Covera ge factor k = 2,09	Isoquercitrin	[482-35-9]	9,47 ± 0,46	mg/g		
Reference value, Covera ge factor k = 2,09	Quercitrin	[522-12-3]	3,23 ± 0,16	mg/g		
Reference value, Covera ge factor k = 2	Hypericin	[548-04-9]	0,439 ± 0,017	mg/g		
Reference value, Covera ge factor k = 2	Pseudohypericin	[55954-61-5]	0,809 ± 0,031	mg/g		