

Soya Bean - Pesticides

Art. ID	ERM-BC700
Unit	32 g
Deliverydetails	No Dangerous Good /not restricted

Description

The CRM is available in a glass vial containing 32 g of cryo-milled soya bean powder in an atmosphere of dry nitrogen. A variety of extraction and purification methods were used in combination with liquid and/or gas chromatography coupled to tandem mass spectrometry or gas chromatography coupled to electron capture detection (ECD).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Azoxystrobin	[131860-33-8]	0,46 ± 0,05	mg/kg		
Certified value	Carbendazim	[10605-21-7]	0,197 ± 0,019	mg/kg	As obtained by liquid chromatography/tandem mass spectrometry	
Certified value	Chlorpyrifos	[2921-88-2]	0,067 ± 0,006	mg/kg		
Certified value	Cypermethrin	[52315-07-8]	0,052 ± 0,01	mg/kg		
Certified value	Diazinon	[333-41-5]	0,068 ± 0,006	mg/kg		
Certified value	Dieldrin	[60-57-1]	0,075 ± 0,007	mg/kg	As obtained by gas chromatography	
Certified value	Endosulfan (alpha and beta)	[115-29-7]	0,49 ± 0,05	mg/kg	As obtained by gas chromatography	
Certified value	Imidacloprid	[138261-41-3]	0,075 ± 0,009	mg/kg	As obtained by liquid chromatography/tandem mass spectrometry	
Certified value	Iprodione	[36734-19-7]	0,104 ± 0,015	mg/kg		

Certified value	Methomyl	[16752-77-5]	0,046 ± 0,006	mg/kg	As obtained by liquid chromatography/tandem mass spectrometry
Certified value	Tebuconazole	[107534-96-3]	0,048 ± 0,005	mg/kg	
Additional material information	Endosulfan-I (alpha)	[959-98-8]	0,08 - 0,15	mg/kg	
Additional material information	Endosulfan-II (beta)	[33213-65-9]	0,28 - 0,47	mg/kg	