

## **Cadmium (Cd) in Cocoa**

Art. ID	ERM-BD515
Unit	8 g (powder)
Delivery details	No Dangerous Good /not restricted

### **Description**

The material ERM-BD515 is a powdered cocoa sample from commercial sources intended for human consumption. After mixing in a drum hoop mixer for 24 h the cocoa powder was filled into sealed aluminised plastic bags using a sample divider. Each plastic bag contains ca. 8 g of certified reference material /// ADDITIONAL MATERIAL INFORMATION: Determination of moisture using Karl-Fischer-titration performed at BAM gave the following non-certified results (mean of 45 single measurements  $\pm$  standard deviation): 3,58%  $\pm$  0,08 %

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value, Estimated expanded uncertainty U with a coverage factor of k = 2	Cadmium (Cd)	[7440-43-9]	0,690 $\pm$ 0,029	mg/kg		
Indicative value, Estimated expanded uncertainty U with a coverage factor of k = 2	Acrylamide	[79-06-1]	0,095 $\pm$ 0,025	mg/kg		