

Used Auto Catalyst (Certified Reference Material) - Pd, Pt and Rh

Art. ID	FLX-CRM133
Unit	30 g (powder)
Deliverydetails	No Dangerous Good /not restricted

Description

This Reference Material has been produced and certified, wherever possible, in accordance with the requirements of ISO 17043, ISO Guide 34-2009, ISO Guide 31-2000 and ISO Guide 35-2006 /// Intended use: Control sample for handheld, transportable and laboratory x-ray fluorescence (xrf) instruments /// The material is a customary industrial product taken directly from processing /// Methods used: X-ray fluorescence analysis with fused bead as sample preparation, ICP-OES with digestion (peroxide or acid), ICP-OES with NiS collection and Fire assay

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value, based on dried (105C) sample material	Palladium (Pd)	[7440-05-3]	1075	mg /kg		
Certified value, based on dried (105C) sample material	Platinum (Pt)	[7440-06-4]	465	mg /kg		
Certified value, based on dried (105C) sample material	Rhodium (Rh)	[7440-16-6]	242	mg /kg		
Non-certified value, based on dried (105C) sample material	MgO	[1309-48-4]	7,7	%		
Non-certified value, based on dried (105C) sample material	Al ₂ O ₃		42,1	%		
Non-certified value, based on dried (105C) sample material	SiO ₂		29,8	%		
Non-certified value, based on dried (105C) sample material	P ₂ O ₅		0,97	%		
Non-certified value, based on dried (105C) sample material	SO ₃		0,7	%		
Non-certified value, based on dried (105C) sample material	CaO		0,5	%		

Non-certified value, based on dried (105C) sample material	TiO ₂	1,04	%
Non-certified value, based on dried (105C) sample material	Fe ₂ O ₃	2,3	%
Non-certified value, based on dried (105C) sample material	SrO	0,62	%
Non-certified value, based on dried (105C) sample material	ZrO ₂	5,8	%
Non-certified value, based on dried (105C) sample material	BaO	0,93	%
Non-certified value, based on dried (105C) sample material	La ₂ O ₃	0,47	%
Non-certified value, based on dried (105C) sample material	CeO ₂	5,5	%