

Powdered paint - Lead

Art. ID	NIST-2589
Unit	35 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended for use in the evaluation of methods and for the calibration of apparatus used to determine lead in paint. NIST-2589 is composed of paint collected from the interior surfaces of housing. A unit of NIST-2589 consists of 35 g of powdered paint material, 99+ % of which passes a 100 µm (No. 145) sieve. The certified mass fraction of lead, given below, is based on measurements by isotope dilution thermal ionization mass spectrometry (ID-TIMS) with a minimum sample size of 100 mg. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Mass Fraction , dry basis	Lead (Pb)	[7439-92-1]	9,99	%	ID-TIMS	
Information Values for Major Constituents	Aluminium (Al)	[7429-90-5]	1	%	ICP-OES	
Information Values for Major Constituents	Calcium (Ca)	[7440-70-2]	12	%	ICP-OES	
Information Values for Major Constituents	Iron (Fe)	[7439-89-6]	0,2	%	ICP-OES	
Information Values for Major Constituents	Magnesium (Mg)	[7439-95-4]	1	%	ICP-OES	
Information Values for Major Constituents	Titanium (Ti)	[7440-32-6]	9	%	ICP-OES	
Information Values for Major Constituents	Zinc (Zn)	[7440-66-6]	2	%	ICP-OES	