

## **Steel Pins, CRM**

Art. ID	TL-2100
Unit	50 pins
Deliverydetails	No Dangerous Good /not restricted

### Description

The sample TL-2100 is a steel pin of 3 mm diameter, 10 mm length and an average sample mass of  $0,540 \pm 0,002$  g per pin. This material is packaged in a bottle of 50 pins. The intended use of this material is for the calibration and validation of inert gas fusion (Oxygen, Nitrogen and Hydrogen) and combustion (Carbon, Sulfur).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Carbon (C)	[7440-44-0]	$0,0304 \pm 0,0006$	%		
	Sulfur (S)	[7704-34-9]	$0,0030 \pm 0,0003$	%		
	Oxygen (O)	[7782-44-7]	$0,0042 \pm 0,0002$	%		
	Nitrogen (N)	[7727-37-9]	$0,0304 \pm 0,0002$	%		
	Hydrogen (H)	[1333-74-0]	$0,00026 \pm 0,00002$	%		