

## **Steel (Valve) - Oxygen**

Art. ID	NIST-1093
Unit	rod
Deliverydetails	No Dangerous Good /not restricted

### **Description**

This Standard Reference Material (SRM®) is intended primarily for the determination of oxygen in ferrous materials. The high manganese content of the valve steel material (9 to 10%) makes the determination of oxygen by vacuum and inert gas fusion methods difficult because of the gettering action of the manganese. However, it is suitable for use with 14 MeV neutron activation analysis. The material for this standard was furnished to NBS by the Allegheny Ludlum Steel Corp., Brackenridge, Pennsylvania. NIST-1093 is supplied as a rod 0.6 mm (1/4 in) in diameter and 8.2 cm (4 in) long. Certified value /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Oxygen (O)	[7782-44-7]	0,006	%		