Sulfur in Oil Standards

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For use with XRF or UVF

Conostan sulfur in oil certified reference materials (CRMs) are ideal for use as calibration standards during the analysis of fuels and other petroleum products for sulfur content.

Sulfur level is regulated in many fuel oils and directly related to fuel quality. ASTM, ISO, EPA, and other industry standards for the determination of sulfur concentration in petroleum fuels require the use of calibration standards to ensure accuracy and reproducibility of results. The Conostan sulfur in oil product family includes an extensive range of matrices and concentrations to support matrix-matching and compliance with industry methods.

- Ready-to-use concentrations ranging from 0.5 to 60,000 ppm of Sulfur
- Available matrices include Mineral Oil, Diesel, Residual Oil, Isooctane, Toluene, Biodiesel, Xylene, Ethanol, Crude Oil and PremiSolv
- Aligned with requirements of standard methods

Conostan sulfur in oil CRMs provide the accuracy and precision you need when testing according to ASTM D2622, D4294, D5453, D7039, D7220 or other common methods. Whether you are testing for regulatory reporting or process optimization, rely on our broad range of calibration standards to achieve the highest possible integrity in your sulfur analysis data.

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	Sulfur in Mineral Oil 100 g	Sulfur in Diesel Fuel 100 g	Sulfur in Crude Oil 100 mL
Concentration (ppm)	**Part Number**	**Part Number**	**Part Number**
Blank	150-400-025	150-410-012	
5	150-400-030	150-410-008	
50	150-400-018	150-410-009	
100	150-400-002	150-410-002	
250	150-400-010		
500	150-400-019	150-410-010	150-450-100
750	150-400-023	150-410-018	
1,000	150-400-003	150-410-003	150-450-105
2,500	150-400-011		150-450-110
5,000	150-400-020	150-410-011	150-450-115
7,500	150-400-024	150-410-021	
10,000	150-400-004	150-410-004	150-450-125
15,000	150-400-005	150-410-006	
20,000	150-400-008	150-410-007	150-450-130
25,000	150-400-012		
30,000	150-400-014	150-410-022	150-450-135
40,000	150-400-016	150-410-023	150-450-140
50,000	150-400-021	150-410-024	150-450-145

Additional concentrations and sizes available.

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	Sulfur in Residual Oil, 50 mL	Sulfur in Residual Oil, 100 mL
Concentration (ppm)	**Part Number**	**Part Number**
2,500	150-420-100	150-420-005
5,000	150-420-110	150-420-015
7,500	150-420-120	150-420-020
10,000	150-420-125	150-420-025
15,000	150-420-130	150-420-030
20,000	150-420-135	150-420-035
25,000	150-420-140	150-420-040
30,000	150-420-145	150-420-045
40,000	150-420-155	150-420-055
50,000	150-420-160	150-420-060

Additional concentrations and sizes available.

	Sulfur in Isooctane, 60 mL
Concentration (ppm)	**Part Number**
Blank	150-430-101
5	150-430-108
50	150-430-102
100	150-430-103
250	150-430-104
500	150-430-105
750	150-430-106
1,000	150-430-107

Additional concentrations and sizes available.

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	Sulfur in 80% Isooctane /20% Toluene		Sulfur in 75% Isooctane /25% Toluene		Sulfur in 70% Isooctane /30% Toluene	
Concentration (ppm)	Part Number (100 mL)	Part Number (400 mL)	Part Number (100 mL)	Part Number (400 mL)	Part Number (100 mL)	Part Number (400 mL)
Blank	150-431-010	150-431-036	150-432-001	150-432-019	150-433-001	150-433-019
5	150-431-011	150-431-028	150-432-002	150-432-020	150-433-002	150-433-020
10	150-431-012	150-431-029	150-432-003	150-432-021	150-433-003	150-433-021
15	150-431-013	150-431-030	150-432-004	150-432-022	150-433-004	150-433-022
20	150-431-014	150-431-031	150-432-005	150-432-023	150-433-005	150-433-023
25	150-431-015	150-431-032	150-432-006	150-432-024	150-433-006	150-433-024
50	150-431-016	150-431-033	150-432-007	150-432-025	150-433-007	150-433-025
75	150-431-017	150-431-034	150-432-008	150-432-026	150-433-008	150-433-026
100	150-431-018	150-431-035	150-432-009	150-432-027	150-433-009	150-433-027

Additional concentrations, sizes and matrices available.

Sulfur in Isooctane Calibration Sets

Concentration (ppm)	Set	Part Number
Blank, 0.5, 1, 2.5, 5, 7.5, 10	7 X 10 ml	150-430-010
Blank, 5, 10, 25, 50, 100, 250	7 X 10 ml	150-430-020
Blank, 50, 100, 250, 500, 750, 1000	7 X 10 ml	150-430-030
Blank, 50, 100, 250, 500, 750, 1000	7 X 60 ml	150-430-100

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