

## Sulfur Standards

### Sulfur in mineral oil or isoctane

Chiron offers a range of sulfur standards for oil/petroleum analysis.

The "Sulfur in Mineral Oil" line is universal sulfur standards made from high purity sulfur-organic compounds, and sulfur-depleted mineral oil or isoctane.



Useful for ASTM methods D 2622, D 3120, D 3246, D 4294, D 4927, and D 5453

### Chiron offers:

Concentration ppm	Isoctane	Light Mineral Oil 20 cst	Heavy Mineral Oil 70 cst
Blanc	S-4050-0	S-4052-0	S-4051-0
1	S-4050-1	S-4052-1	S-4051-1
2	S-4050-2	S-4052-2	S-4051-2
3	S-4050-3	S-4052-3	S-4051-3
5	S-4050-5	S-4052-5	S-4051-5
10	S-4050-10	S-4052-10	S-4051-10
20	S-4050-20	S-4052-20	S-4051-20
30	S-4050-30	S-4052-30	S-4051-30
50	S-4050-50	S-4052-50	S-4051-50
75	S-4050-75	S-4052-75	S-4051-75
100	S-4050-100	S-4052-100	S-4051-100
200	S-4050-200	S-4052-200	S-4051-200
250	S-4050-250	S-4052-250	S-4051-250
300	S-4050-300	S-4052-300	S-4051-300
400	S-4050-400	S-4052-400	S-4051-400
500	S-4050-500	S-4052-500	S-4051-500
750	S-4050-750	S-4052-750	S-4051-750
1 000	S-4050-K	S-4052-K	S-4051-K
2 000	S-4050-2K	S-4052-2K	S-4051-2K
2 500	S-4050-2.5K	S-4052-2.5K	S-4051-2.5K
3 000	S-4050-3K	S-4052-3K	S-4051-3K
4 000	S-4050-4K	S-4052-4K	S-4051-4K
5 000	S-4050-5K	S-4052-5K	S-4051-5K
7 000	S-4050-7K	S-4052-7K	S-4051-7K
10 000	S-4050-10K	S-4052-10K	S-4051-10K
20 000	S-4050-20K	S-4052-20K	S-4051-20K
25 000	S-4050-25K	S-4052-25K	S-4051-25K
30 000	S-4050-30K	S-4052-30K	S-4051-30K
40 000	S-4050-40K	S-4052-40K	S-4051-40K
50 000	S-4050-50K	S-4052-50K	S-4051-50K
60 000	S-4050-60K	S-4052-60K	S-4051-60K
Kit of above	S-4050-Kit	S-4052-Kit	S-4051-Kit

## Sulfur in Diesel: "Petroleum Pops"

New legislations on the sulfur content in diesel have lead to numerous **new processes for sulfur-depletion** of diesel fuel. Typically the remaining sulfur content is mainly due to 4,6-disubstituted dibenzothiophenes.

These compounds, typical constituents of crude petroleum, will remain in the environment as **persistant pollutants** and will probably be accumulated in the food chain. Their hazardous properties are yet to be shown.

### ASTM D 5623

#### Sulfur in Light Petroleum

Internal Standards

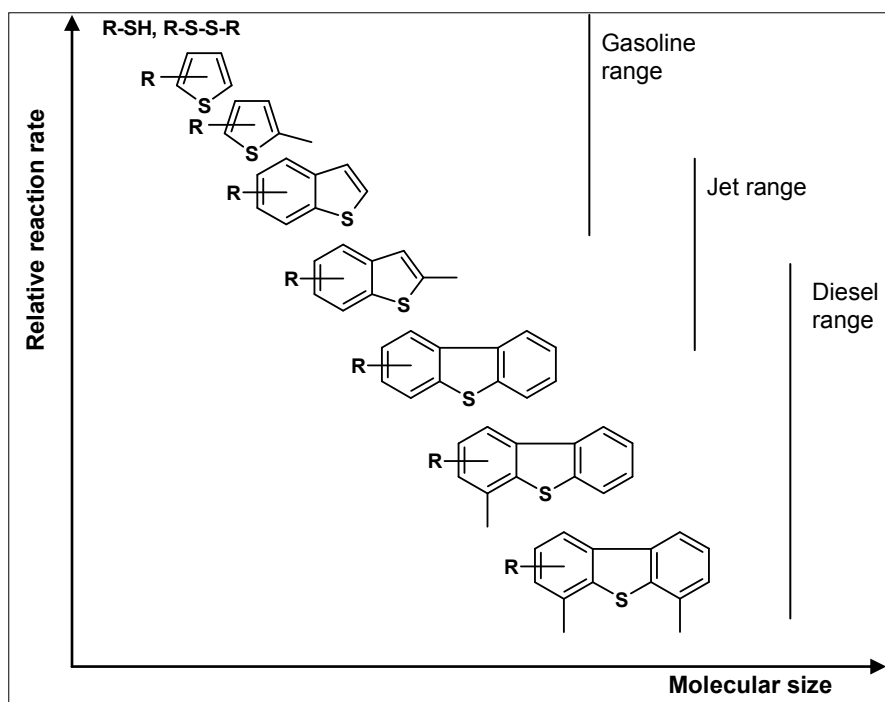
Sulfur compounds

(Mix of 21 sulfur compounds, including 7 methylbenzothiophenes)

### Also available:

**Kits** of methyl-, dimethyl-, and trimethyldibenzothiophenes and benzonaphthothiophenes

Please inquire for details



### ASTM D 5453-00

#### Standard Test Method for Total Sulfur in Light Hydrocarbons, Motor Fuels and Oil Ultraviolet Fluorescence

Sulfur Calibration Mixture Stock Solution

Dibenzothiophene in isooctane and White Oil

### ASTM D 6428-99

#### Standard Test Method for Total Sulfur in Liquid Aromatic Hydrocarbons by Oxidative Combustion and Electrochemical Detection

Please inquire for details

