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Cross-Reference Table To Match Other Methods For Known Petrochemical Analysis

ANALYSIS	ASTM	IP	ISO	DIN	JIS	AFNOR
Tag Flash Point	D56			51411	K 2580	M07-003
Distillation	D86	123	3405	51751	K 2254	M07-002
COC Flash Point	D92	36	2592	51376	k 2265	T60-118
PMCC Flash Point	D93	34	2719	51758	K 2265	M07-019
Kinematic Viscosity	D445	71-1	3104	51562	K 2283	T60-100
Aniline Point	D611	2	2977	51775		M07-021
Hydrocarbon Types by FID	D1319	156	3837	51791	K 2536	M07-024
Water (Karl Fischer)	D1744		6296			T60-154
Freezing Point	D2386	16	3013	51421	K 2276	M07-048
Cloud Point	D2500	219	3015	51597	K 2269	T60-105
Sulfur by XRF	D2622			54100T6	K 2541	
Boiling Range by GC	D2887		3924			
Sulfur by Oxidative Microcoulometry	D3120		16591			
Lead by AAS	D3237	428				
Sulfur by Oxidative Microcoulometry	D3246	373				M07-052
Metals by AA	D3605	413	8691	51790T3		
Benzene by GC	D3606	425				
Sulfur by ED-XRF	D4294	336	8754			M07-053
Water (Karl Fischer)	D4377	356	10336			
Metals by AA	D4628	308		51391T1		
Nitrogen by Chemiluminescence Detection	D4629	379				M07-058
Metals by WD-XRF	D4927	407		51391T2		
Water (Karl Fischer)	D4928	386	10337			
Lead in Gas By X-Ray	D5059	228				
Vapor Pressure	D5191	394				M07-079
Oxygenates	D5599	408				
Cloud Point	D5771	444				
Cloud Point	D5772	445				
Cloud Point	D5773	446				
Freezing Point	D5901	434				
Auto-Freeze Point	D5972	435				
Hydrocarbons Automatic	D6379	436				
Hydrocarbons Automatic	D6591	391				
Metals			14597			

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D86	Synthetic Distillation Standard
D92	Flash Point Standards (COC)
D93	Flash Point Standards (PMCC)
D445	Viscosity Calibration Standard
D611	Aniline Point Standards
D1015	Freezing Point Standards
D1319	Olefin Analysis by FIA
D1744	Water in Liquid Petroleum Products
D2386	Freezing Point Calibration Standards
D2500	Cloud Point Calibration Standards
D2622	Sulfur by XRF
D2789	Hydrocarbon Analysis in Gasoline by GC/MS
D2887	Boiling Range by GC Simulated Distillation (SIM DIS) by GC
D3120	Sulfur by Oxidative Microcoulometry
D3230	Salts in Crude Oil
D3231	Phosphorus in Gasoline
D3237	Lead in Gasoline by AA
D3246	Sulfur in Petroleum Gas by Oxidative Microcoulometry
D3524	Diesel Fuel Diluent in Used Diesel Engine Oils by GC
D3605	Trace Metal in Gas Turbine Fuels by AA
D3606	Benzene & Toluene in Finished Motor & Aviation Gas by GC
D3710	Boiling Range by GC
D7096	Boiling Range by GC
D3798	p-Xylene Analysis by GC
D3831	Manganese in Gasoline by AA
D4059	PCB Analysis by GC
D4291	Ethylene Glycol by GC
D4294	Sulfur by ED-XRF
D4377	Water in Liquid Petroleum Products
D4420	Aromatics in Gasoline by GC
D5580	Benzene, Toluene, Ethylbenzene, p/m-Xylene, o-Xylene, C 9 and Heavier Aromatics, and Total Aromatics in Finished Gasoline by GS
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D7065	Nonylphenol and Octylphenol
D7485	Nonylphenol and Octylphenol
E1064	Water in Petroleum
E1387	Fire Debris Analysis
E1618	Fire Debris Analysis

ASTM D-2622, D-4294, D-7093, D-7212 and D-7220 Sulfur Standards in Matrix Oil 20 cSt

Sulfur

Sulfur	50000 µg/g S (5%) in standard matrix oil 20 cSt	100 ml	CL11.2663.0100
Sulfur	40000 µg/g S (4%) in standard matrix oil 20 cSt	100 ml	CL11.2662.0100
Sulfur	30000 µg/g S (3%) in standard matrix oil 20 cSt	100 ml	CL11.2661.0100
Sulfur	20000 µg/g S (2%) in standard matrix oil 20 cSt	100 ml	CL11.2660.0100
Sulfur	10000 µg/g S (1%) in standard matrix oil 20 cSt	100 ml	CL11.2659.0100
Sulfur	7500 µg/g S (0.75%) in standard matrix oil 20 cSt	100 ml	CL11.2658.0100
Sulfur	5000 µg/g S (0.5%) in standard matrix oil 20 cSt	100 ml	CL11.2657.0100
Sulfur	3000 µg/g S (0.3%) in standard matrix oil 20 cSt	100 ml	CL11.2656.0100
Sulfur	1500 µg/g S (0.15%) in standard matrix oil 20 cSt	100 ml	CL11.2655.0100
Sulfur	1000 µg/g S (0.1%) in standard matrix oil 20 cSt	100 ml	CL11.2654.0100
Sulfur	750 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2653.0100
Sulfur	500 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2652.0100
Sulfur	400 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2651.0100
Sulfur	300 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2650.0100
Sulfur	200 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2649.0100
Sulfur	100 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2648.0100
Sulfur	75 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2647.0100
Sulfur	50 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2637.0100
Sulfur	25 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2636.0100
Sulfur	20 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2635.0100
Sulfur	15 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2634.0100
Sulfur	10 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2633.0100
Sulfur	5 µg/g S in standard matrix oil 20 cSt	100 ml	CL11.2632.0100

Sulfur blank

Sulfur blank	Standard matrix oil 20 cSt	100 ml	CL11.2631.0100
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ASTM D-2622, D-4294, D-7093, D-7212 and D-7220 Sulfur Standards in Matrix Oil 75 cSt

Sulfur

Sulfur	228.1 g C8H18S / kg Standard matrix oil 75 cSt	100 ml	CL11.2606.0100
Sulfur	136.86 g C8H18S / kg Standard matrix oil 75 cSt	100 ml	CL11.2605.0100
Sulfur	91.24 g C8H18S / kg Standard matrix oil 75 cSt	100 ml	CL11.2604.0100
Sulfur	45.62 g C8H18S / kg Standard matrix oil 75 cSt	100 ml	CL11.2603.0100
Sulfur	11.405 g C8H18S / kg Standard matrix oil 75 cSt	100 ml	CL11.2602.0100
Sulfur	4.562 g C8H18S / kg Standard matrix oil 75 cSt	100 ml	CL11.2601.0100
Sulfur	100 µg/g S in standard matrix oil 75 cSt	100 ml	CL11.2672.0100

Sulfur blank

Sulfur blank	Standard matrix oil 75 cSt	50 g	CL11.2600.0050
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ASTM D-2622, D-3120, D-3246, D-4294, D-5453 and others Sulfur Standards in Isooctane

Sulfur

Sulfur	1000 µg/g S (0.1%) in iso-Octane	100 ml	CL11.5207.0100
Sulfur	750 µg/g S in iso-Octane	100 ml	CL11.5206.0100
Sulfur	500 µg/g S in iso-Octane	100 ml	CL11.5205.0100
Sulfur	250 µg/g S in iso-Octane	100 ml	CL11.5204.0100
Sulfur	200 µg/g S in iso-Octane	100 ml	CL11.5218.0100
Sulfur	150 µg/g S in iso-Octane	100 ml	CL11.5217.0100
Sulfur	100 µg/g S in iso-Octane	100 ml	CL11.5203.0100
Sulfur	50 µg/g S in iso-Octane	100 ml	CL11.5202.0100
Sulfur	30 µg/g S in iso-Octane	100 ml	CL11.5216.0100
Sulfur	25 µg/g S in iso-Octane	100 ml	CL11.5201.0100
Sulfur	20 µg/g S in iso-Octane	100 ml	CL11.5215.0100
Sulfur	10 µg/g S in iso-Octane	100 ml	CL11.2699.0100
Sulfur	5 µg/g S in iso-Octane	100 ml	CL11.2698.0100
Sulfur	0 µg/g S (0%) in iso-Octane	100 ml	CL11.2697.0100

ASTM D-2622, D-3120, D-3246, D-4294, D-5453 and others Sulfur Standards in Isooctane (Kits)

Total Sulfur

Total Sulfur	Kit contains 100, 250, 500, 750, 1000 µg/g S in iso-Octane	1 pck	CL48.2001.0001
Total Sulfur	Kit contains 5, 25, 50, 100, 200 µg/g in iso-Octane	1 pck	CL48.2002.0001
Total Sulfur	Kit contains 1.0, 2.5, 5.0, 7.5, 10.0 µg/g S in iso-Octane	1 pck	CL48.2003.0001
Total Sulfur	Kit contains 0.1, 0.5, 1.0, 2.5, 5.0, 10 µg/g S in iso-Octane	1 pck	CL48.2004.0001

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ASTM D-2622, D-3120, D-4294, D-5453, D-6334, D-6445 and others Sulfur Standards in Kerosene

Sulfur

Sulfur	2000 µg/g S in Kerosene	100 ml	CL11.2693.0100
Sulfur	1000 µg/g S in Kerosene	100 ml	CL11.2617.0100
Sulfur	750 µg/g S in Kerosene	100 ml	CL11.2616.0100
Sulfur	500 µg/g S in Kerosene	100 ml	CL11.2615.0100
Sulfur	300 µg/g S in Kerosene	100 ml	CL11.2614.0100
Sulfur	100 µg/g S in Kerosene	100 ml	CL11.2613.0100
Sulfur	50 µg/g S in Kerosene	100 ml	CL11.2612.0100
Sulfur	10 µg/g S in Kerosene	100 ml	CL11.2611.0100

Sulfur blank

Sulfur blank	Kerosene matrix blank	100 ml	CL11.2610.0100
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ASTM D-2622, D-4294, D-7093, D-7212 and D-7220 Sulfur Standards in Diesel Fuel

Sulfur

Sulfur	5000 µg/g S (0.5%) in diesel oil	100 ml	CL11.5214.0100
Sulfur	4000 µg/g S (0.4%) in diesel oil	100 ml	CL11.5213.0100
Sulfur	3000 µg/g S (0.3%) in diesel oil	100 ml	CL11.2692.0100
Sulfur	2500 µg/g S (0.25%) in diesel oil	100 ml	CL11.5212.0100
Sulfur	1500 µg/g S in diesel oil	100 ml	CL11.2691.0100
Sulfur	1000 µg/g S (0.1%) in diesel oil	100 ml	CL11.2690.0100
Sulfur	750 µg/g S in diesel oil	100 ml	CL11.2689.0100
Sulfur	500 µg/g S in diesel oil	100 ml	CL11.2688.0100
Sulfur	400 µg/g S in diesel oil	100 ml	CL11.2694.0100
Sulfur	250 µg/g S in diesel oil	100 ml	CL11.5211.0100
Sulfur	100 µg/g S in diesel oil	100 ml	CL11.2687.0100
Sulfur	50 µg/g S in diesel oil	100 ml	CL11.2686.0100
Sulfur	25 µg/g S in diesel oil	100 ml	CL11.5210.0100
Sulfur	10 µg/g S in diesel oil	100 ml	CL11.5209.0100
Sulfur	5 µg/g S in diesel oil	100 ml	CL11.5208.0100
Sulfur	0 µg/g S Diesel oil	100 ml	CL11.2685.0100

Tailor Made Mixtures can be formulated to meet your special applications.

ASTM D-2622, D-4294, D-7093, D-7212 and D-7220 Polysulfide Standards in Oil

Sulfur

Sulfur	Solution contains 1000 µg/g of S (±5 µg/g - 20°C)	1 l	CL11.2646.1000
Sulfur	Solution contains 500 µg/g of S (±5 µg/g - 20°C)	1 l	CL11.2645.1000
Sulfur	Solution contains 250 µg/g of S (±2.5 µg/g - 20°C)	1 l	CL11.2644.1000
Sulfur	Solution contains 100 µg/g of S (±1 µg/g - 20°C)	1 l	CL11.2643.1000
Sulfur	Solution contains 25 µg/g of S (±0.25 µg/g - 20°C)	1 l	CL11.2642.1000
Sulfur	Solution contains 10 µg/g of S (±0.1 µg/g - 20°C)	1 l	CL11.2641.1000
Sulfur	Solution contains 5 µg/g of S (±0.05 µg/g - 20°C)	1 l	CL11.2640.1000




Sulfur blank

Sulfur blank	Polysulfide Oil Blank	1 l	CL11.2607.1000
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ASTM D-2622, D-4294, D-7093, D-7212 and D-7220 Polysulfide Standards in Oil (Kits)

Sulfur kit

Sulfur kit	Kit contains 0.1 ,0.5 ,1.0 ,1.5 ,2.0 ,2.5 ,3.0 ,3.5 ,4.0 ,4.5, 5.0 wt% S	1 pck	CL18.0002.0001
Sulfur kit	Kit contains 1, 2.5, 5, 10, 25, 50, 75, 100, 250, 500, 750, 1000 µg/g S	1 pck	CL18.0001.0001

<p>D.:0.85 g/ml</p> <p>For specifications see certificate</p>		<p>CL11.5209.0100</p> <p>100 ml</p> <p>Batch Nr.: 24.4602410</p> <p>Exp. Date: 10-2021</p> <p>Storage: RT</p>	<p>Danger: May be fatal if swallowed and enters airways. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.</p> <p>Gevaar: Kan dodelijk zijn als de stof bij inslikken in de luchtwegen terecht komt. NA INSLIKKEN: onmiddellijk een ANTIGIFCENTRUM of een arts raadplegen. GEEN braken opwekken.</p> <p>Danger: Peut être mortel en cas d'ingestion et de pénétration dans les voies respiratoires. EN CAS D'INGESTION: appeler immédiatement un CENTRE ANTIPOISON ou un médecin. NE PAS faire vomir.</p> <p>Gefahr: Kann bei Verschlucken und Eindringen in die Atemwege tödlich sein. BEI VERSCHLÜCKEN: Sofort GIFTINFORMATIONSZENTRUM oder Arzt anrufen. KEIN Erbrechen herbeiführen.</p> <p>Peligro: Puede ser mortal en caso de ingestión y penetración en las vías respiratorias. EN CASO DE INGESTION: Llamar inmediatamente a un CENTRO DE INFORMACION TOXICOLOGICA o a un médico. NO provocar el vómito.</p> <p>Pericolo: Può essere letale in caso di ingestione e di penetrazione nelle vie respiratorie. IN CASO DI INGESTIONE: contattare immediatamente un CENTRO ANTIVELENI o un medico NON provocare il vomito.</p>
<p>Sulfur standard oil solution</p> <p>Zwavel standaard olie oplossing Sulfure standard étalon dans l'huile Schwefel standard Ölgelöst 10 µg/g S in diesel oil Standard acc. ASTM D-2622, D-4294, D-7093, D-7212, D-7220</p>			
<p>GVB 100</p> 	<p>Chem-Lab NV Industriezone "De Arend" 2 B-8210 Zedelgem</p>	<p>Made in Belgium</p>	<p>Tel. +32 (0)50 28 83 20 Fax. +32 (0)50 78 26 54 www.chem-lab.be</p>

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