

X 射线荧光光谱法测定燃料中硫各标准的合并定量限 PLOQ、重复性 r 及其典型值、再现性 R 及其典型值



愛斯特

标准	D7212		D7039		D7220		D2622						D4294				ISO20884					
对应国内标准			NB/SH/T0842				GB/T11140						GB/T17040									
PLOQ	7 mg/kg		3.2 mg/kg		3 mg/kg		3 mg/kg						16.0 mg/kg				5 mg/kg					
Type	ALL		ALL		ALL		ALL		Gasoline		Diesel		High Power		ALL		Gasoline		Diesel		ALL	
r	1.6196X ^{0.1}		0.4998X ^{0.54}		0.6430X ^{0.504}		0.1462X ^{0.8015}		0.5006X ^{0.4377}		0.1037X ^{0.8000}		0.08681X ^{0.8383}		0.4347X ^{0.6446}		1.6658X ^{0.3300}		1.4477X ^{0.3661}		1.7+0.0248 X	
R	3.7668X ^{0.1}		0.7384X ^{0.54}		1.1121X ^{0.504}		0.4273X ^{0.8015}		1.4533X ^{0.4377}		0.3856X ^{0.8000}		0.3086X ^{0.8383}		1.9182X ^{0.6446}		8.9798X ^{0.3300}		7.1295X ^{0.3661}		1.9+0.1201 X	
S, mg/kg	r	R	r	R	r	R	r	R	r	R	r	R	r	R	r	R	r	R	r	R	r	R
1.0													0.09	0.31								
3.0					1.1	1.9	0.4	1.1														
3.2			0.9	1.4																		
5.0			1.2	1.8	1.4	2.5	0.5	1.6	1.01	2.94			0.33	1.19							1.8	2.5
8.0	2.0	4.6																				
10.0	2.0	4.7	1.7	2.6	2.1	3.5	0.9	2.7	1.37	3.98			0.60	2.13							1.9	3.1
11.0											0.71	2.63										
15.0	2.1	4.9	2.2	3.2																		
16.0															2.6	11						
20.0	2.2	5.1																				
25.0	2.2	5.2	2.8	4.2	3.3	5.6	1.9	5.6	2.05	5.95	1.36	5.06	1.28	4.58	3.4	15	4.8	26			3.3	5.6
50.0			4.1	6.1	4.6	8.0	3.4	9.8					2.31	8.20	5.4	24			6.0	30	4.6	8.0
70.0									3.21	9.33												
100			6	9	6.5	11.3	5.9	17.1			4.13	15.35	4.12	14.66	8.5	37	7.6	41	7.8	38	6.5	11.3
250			10	15	10.4	18.0															10.4	18.0
500			14	21	14.7	25.2	21	62			15.0	55.6	15.9	56.5	24	105	13	70	14	69	14.7	25.2
942					20.3	35.1																
1000			21	31			37	108			26.0	96.9	28.4	101.0	37	165	16	88	18	89		
2000			30	45																		
2822			36	54																		
5000							135	394					109.5	389.3	105	465						
5500											102	379					29	154	34	167		
10000							235	687					196	696	165	727						
46000							798	2333					704	2501	440	1943						