

Table VIII-7. Concentrations of trace elements ($\mu\text{g/g}$) in three major components of Crude Oil C-1 and in various molecular weight fractions of each major components (Filby, 1975).

Major components	Molecular wt. fraction (%)	Ni	Co	Fe	Hg	Cr	Zn	Cu	Sb	As
Crude oil		94	13	73	21	0.63	9.3	<0.3	.052	0.66
Methanol soluble	0.3k-1k (93.8)	11	0.73	<1	0.41		<1		.0046	0.34
	>1.6k (6.2)	<1	2.6	9.9	7.1		3.5		<.002	5
	total (100)	7.2	0.8	2	0.89	<0.3	0.74	<0.5	.0033	0.55
Resins	0.3k-1k (29.4)	210	4.4	30	22	0.31	3.3	<0.2	.043	0.41
	1k-4k (21.2)	110	10	24	44	0.8	11	<0.5	.0026	0.2
	4k-8k (49.4)	80	25	240	72	3	27	1.3	.0054	0.2
	total (100)	150	11	66	30	0.89	8.9	0.32	.013	0.29
Asphalt-enes	0.3k-1k (11.0)	1300	2.7	480	72	0.77	110	0.34	11	0.85
	1k-4k (23.2)	190	30	370	21	4.8	52	1.5	.91	0.62
	4k-8k (50.6)	980	170	870	90	9.1	100	4	.35	1.9
	8k-22k (15.2)	1100	180	1900	350	20	230	7.2	.1	6.6
	total (100)	850	120	900	140	7.5	110	3	1.2	2.3