

Table IV-13. Average compositions of whole rock (WR), matrix, chondrules (chon.) and CAI (groups I to III) from Allende (CV3). All are in unit of ppm, noted otherwise

	WR	matrix	chon.	CAI				WR	matrix	chon.	CAI		
				I	III	II					I	III	II
Al %	1.79	1.32	2.18	15.1	21.5	18.3	S %	2.2					
As	1.6	2	0.83				Sc	11.2	7	13			
Au	0.15	0.16	0.1				Se	8.4	8	10			
Ba	4.4			57	34	18	Si %	16		19.4	14	11.1	13.4
Ca %	1.81	1.73	1.9	19.8	12.5	8.86	Sr	(15.3)			136	35	37
Co	662	660	450				Th	0.06			0.45	0.87	0.46
Cr	3650	3100	4300				Ti	980		1100	7190	8750	3950
Fe %	23.3	24.6	13.1	1.32	2.23	5.44	U	(0.017)			0.09	0.09	0.045
Ga	6.2	6	3				V	100	91	135			
Hf	0.19			1.3	2.7	0.3	W	(0.19)					
Ir	0.84	0.6	0.78	8.9	12	0.56	Y	3.1			23	37	1.8
K	295	250	390	170	415	996	Zn	102	130	65			
Mg %	14.7	15.9	20.6	5.97	7.18	7.66	Zr	(8.3)			56	99	4.2
Mn	1440	1700	1500				REE						
Mo	2			11	7	<0.7	La	0.44	0.4	0.64	4.1	6.7	8.3
Na %	0.33	0.2	0.47	0.28	0.54	1.71	Ce	1.25			11	14	21
Nb	(0.54)			3.7	4.3	1.4	Pr	0.2			1.6	2.5	3.3
Ni %	1.38	1.5	0.93				Nd	0.91			6.8	12.4	15.5
Os	0.86		0.91	8.2	11	0.41	Sm	0.29	0.19	0.39	2.2	3.7	4.6
P	990						Eu	0.11	0.085	0.12	1	0.72	0.33
Pb	1.4			3	1.1	1.3	Gd	0.43			3.1	5.1	2.4
Pd	(0.71)			1.4	1.2	0.48	Tb	0.07			0.53	0.95	0.38
Pt	(1.25)			14	15	0.78	Dy	0.42			3.7	6.7	1.9
Rb	1.3			0.33	1.2	3.2	Ho	0.12			0.94	1.8	0.15
Re	(0.065)			0.71	0.94		Er	0.31			2.8	5.2	0.22
Rh	(0.25)			1.7	1.2	0.23	Tm	0.05			0.38	0.74	0.72
Ru	(1.13)			13	16	1.2	Yb	0.32			2.6	2.92	0.75

Data sources : Allende whole rock (Martin and Mason, 1974) ; matrix and chondrules (Rubin and Wasson, 1987); and CAI (Mason and Martin, 1977; Mason and Taylor, 1982).