

Table III-3. Compositions of the comet Halley particles, interplanetary dust particles (IDP), and type one carbonaceous chondrite (solar nebula) as normalized to Al=10 atoms.

	Halley particles (1)	IDP (2)	C1 (solar nebular) (3)
H	3000		620 (3.3×10^6)
C	1200	230	90 (1200)
N	62		7.1 (370)
O	1300	560	910 (2800)
Na	15	6.9	6.8
Mg	150	130	127
Al	10	10	10
Si	270	130	118
S	110	48	61
Ca	9.3	6.9	7.2
Ti	0.6	0.29	0.28
Cr	1.3	2	1.6
Mn	0.7	2	1.1
Fe	80	93	106
Co	0.4		0.27
Ni	6	3.5	5.8

Data sources: (1): Jessberger et al. (1988); (2): Schramm et al. (1988) except Ti and Mn (Brownlee, 1978; Brownlee et al., 1977); (3) Anders and Grevesse (1989).