

Sample	Mass density/ g cm^{-3}	Absorption coefficient, β , at $\lambda_0 = 460 \text{ nm/cm}^{-1}$	k_o ($\lambda_0 = 460 \text{ nm}$)	Abs ₀	α
Pure woodsmoke extract <i>B</i>	1.64	3033	0.0111 ± 0.0010	–	9.0 ± 0.1
Woodsmoke extract <i>B</i> in isopropanol (Fig. 3a)	6.60×10^{-5}	0.122	$(4.47 \pm 0.40) \times 10^{-7}$	0.122	9.0 ± 0.1
Aqueous humic acid (Fig. 3a)	7.00×10^{-5}	1.513	$(4.214 \pm 0.38) \times 10^{-6}$	0.499	4.2 ± 0.1
Pure humic acid	1.52	25 000	0.092 ± 0.046	–	4.2 ± 0.1
Optically trapped aqueous humic acid droplet	0.016	273.2	$(1.00 \pm 0.50) \times 10^{-3}$	–	4.2 ± 0.1