

Aerosol type	Wavelength (λ , nm)	Density (ρ_p , g cm ⁻³)	Modal radius (r_0 , μ m)	Geometric standard deviation (σ_g)	Refractive index (n)	Single scattering albedo (ω_0)	Specific extinction cross section (σ_e^* , m ² g ⁻¹)	Lidar ratio (S_p , sr)
Sea salt (bin 1) ^a	1064	2.160	0.1002, 1.0020 ^c	1.9, 2.0 ^c	1.5156–0.0002 <i>i</i>	1.00	0.55	21.7
Sea salt (bin 2) ^a	1064	2.160	0.1002, 1.0020 ^c	1.9, 2.0 ^c	1.5156–0.0002 <i>i</i>	1.00	0.62	10.0
Sea salt (bin 3) ^a	1064	2.160	0.1002, 1.0020 ^c	1.9, 2.0 ^c	1.5156–0.0002 <i>i</i>	0.99	0.18	18.2
Dust (bin 1) ^b	1064	2.610	0.2900	2.0	1.4800–0.0006 <i>i</i>	1.00	1.50	78.6
Dust (bin 2) ^b	1064	2.610	0.2900	2.0	1.4800–0.0006 <i>i</i>	1.00	1.61	48.6
Dust (bin 3) ^b	1064	2.610	0.2900	2.0	1.4800–0.0006 <i>i</i>	0.99	0.44	13.4
Organic matter	1064	1.769	0.0355	2.0	1.5068–0.0000 <i>i</i>	1.00	0.77	34.2
Black carbon	1064	1.000	0.0118	2.0	1.7500–0.4500 <i>i</i>	0.08	3.90	168.3
Sulfate	1064	1.769	0.0355	2.0	1.5068–0.0000 <i>i</i>	1.00	0.77	34.2