

Averaging methods and quality filtering procedures	Section
Aerosol extinction for “clear-air” assigned $\equiv 0 \text{ km}^{-1}$	4.1
Clear-air below aerosol layers with bases $< 250 \text{ m}$ (a.g.l.) ignored	4.2
Isolated $80 \text{ km}$ horizontal resolution aerosol layers rejected	5.1
CAD score outside $[-100, -20]$ range rejected	5.2.1
Aerosol in contact with ice clouds (top temperature $< 0 \text{ }^\circ\text{C}$ ), above $4 \text{ km}$ (a.m.s.l.) rejected	5.2.2
Extinction QC flag $\neq 0, 1, 16, 18$ rejected	5.3.1
Extinction uncertainty $= 99.9 \text{ km}^{-1}$ rejected, and all extinction below	5.3.2
All samples $\leq 60 \text{ m}$ (a.g.l.) excluded	5.4