

Dear Editor,

Sometime in the editing process in response to the reviews of this paper an error was introduced into Equation 1.

In the ACPD version (<https://doi.org/10.5194/acp-2022-70>) the equation is:

$$Abs_{\lambda}^{LWCC} = A_{\lambda} \frac{V_l}{V_a \cdot l} \ln(10)$$

Unfortunately, in the file we uploaded with our response to the reviews the $\ln(10)$ is now just (10), the equation is:

$$Abs_{\lambda}^{LWCC} = A_{\lambda} \frac{V_l}{V_a \cdot l} (10)$$

which is incorrect.

As a reference for the correct form of the equation, see Hecobian et al (2010) Eq 2. I am requesting to have the equation changed back to the original and correct form with the $\ln(10)$ factor.

Sincerely,
Rodney Weber.

Hecobian, A., Zhang, X., Zheng, M., Frank, N., Edgerton, E. S., and Weber, R. J.: Water-Soluble Organic Aerosol material and the light-absorption characteristics of aqueous extracts measured over the Southeastern United States, *Atmos. Chem. Phys.*, 10, 5965-5977, 10.5194/acp-10-5965-2010, 2010.
www.atmos-chem-phys.net/10/5965/2010/