

Correction to “Pump–Probe Microscopic Imaging of Jurassic-Aged Eumelanin”

Mary Jane Simpson, Keely E. Glass, Jesse W. Wilson, Philip R. Wilby, John D. Simon, and Warren S. Warren*

The Journal of Physical Chemistry Letters **2013**, *4*, 1924–1927. DOI: 10.1021/jz4008036

We correct an error to our previous Letter. In Figure 5 and the text description of that data, iron concentrations were incorrectly labeled as μM , but they should have been mM. No conclusions of the paper are changed. The corrected text and figure are given.

“Figure 5 shows the pump–probe response of EDTA-washed *S. officinalis* eumelanin loaded with different initial concen-

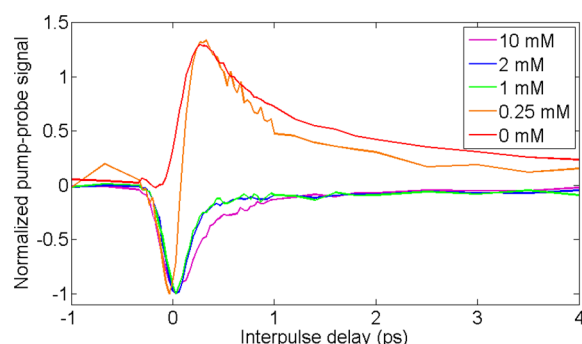


Figure 5. Average spectra of iron-loaded *S. officinalis* eumelanin obtained by varying the initial concentration of iron(III) chloride.

trations of iron(III) chloride. The eumelanin is saturated with iron when the initial concentration of iron is greater than 1 mM.⁹ Increasing the initial iron concentration causes the negative signal when the pulses are overlapped (at $t = 0$) to appear and the positive signal when the pump precedes the probe ($t > 0$) to disappear; the 0.25 mM is similar to the *S. officinalis* eumelanin spectrum given in Figure 1. This value is approximately in agreement with the reported concentrations found in natural *S. officinalis* melanin.⁹”