Accepted Manuscript

Capillary electrophoresis analysis of affinity to assess carboxylation of multi-walled carbon nanotubes

Tyler A. Davis, Shannon M. Patberg, Linda M. Sargent, Aleksandr B. Stefaniak, Lisa A. Holland

PII: S0003-2670(18)30413-6

DOI: 10.1016/j.aca.2018.03.034

Reference: ACA 235832

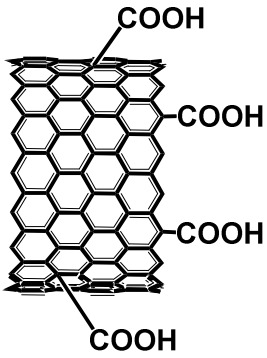
To appear in: *Analytica Chimica Acta*

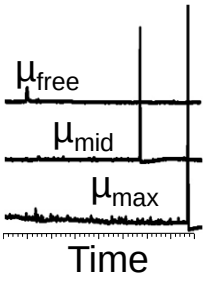
Received Date: 26 December 2017

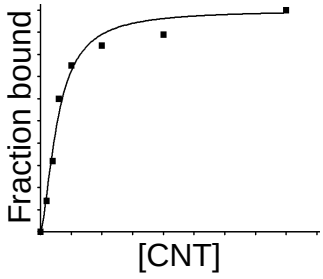
Revised Date: 11 March 2018

Accepted Date: 14 March 2018

Please cite this article as: T.A. Davis, S.M. Patberg, L.M. Sargent, A.B. Stefaniak, L.A. Holland, Capillary electrophoresis analysis of affinity to assess carboxylation of multi-walled carbon nanotubes, *Analytica Chimica Acta* (2018), doi: 10.1016/j.aca.2018.03.034.







$$\frac{\mu_{bound} - \mu_{free}}{\mu_{max} - \mu_{free}} = \frac{[CNT]^n}{K_D{}^n + [CNT]^n}$$