# S-TOC Calibration
# Standard Recovery Sheet



Analyst: | Date and Initial:

Analysis: S-TOC | Method: NU-076

Filename: | SOP: NU-076

Instrument ID:

*Complete fields above and below, print sheet. Initial sheet and submit with analysis file.*

TOC calculations sheet: Fill in green cells with results from TOC calibration

**Total Carbon**

| | | Dextrose Weight, mg | Mean Area | Calculated Absolute Carbon, ug | % Recovery | Results Acceptable |
|---|---|---|---|---|---|---|
| Slope = M | | **45.0** | | #DIV/0! | #DIV/0! | #DIV/0! |
| Intercept + b | | **20.0** | | #DIV/0! | #DIV/0! | #DIV/0! |
| Concentration = x | | **10.0** | | #DIV/0! | #DIV/0! | #DIV/0! |
| Area = y | | **5.00** | | #DIV/0! | #DIV/0! | #DIV/0! |
| | | **3.75** | | #DIV/0! | #DIV/0! | #DIV/0! |
| | | **0** | | #DIV/0! | | #DIV/0! |

**Inorganic Carbon**

| | | $Na_2CO_3$ Weight, mg | Mean Area | Calculated Absolute Carbon, ug | % Recovery | Results Acceptable |
|---|---|---|---|---|---|---|
| Slope = M | | **160** | | #DIV/0! | #DIV/0! | #DIV/0! |
| Intercept + b | | **80.0** | | #DIV/0! | #DIV/0! | #DIV/0! |
| Concentration = x | | **30.0** | | #DIV/0! | #DIV/0! | #DIV/0! |
| Area = y | | **15.0** | | #DIV/0! | #DIV/0! | #DIV/0! |
| | | **13.2** | | #DIV/0! | #DIV/0! | #DIV/0! |
| | | **0** | | #DIV/0! | | #DIV/0! |