

Certified Reference Materials for BOD Analysis ISO Guide 34 Accredited



Innovative Controls to Support Data Quality

Pure

Manufactured from highest purity water and analytically verified neat source materials.

Certified

The only ISO Guide 34 GGA CRM on the market. Accuracy, homogeneity and performance of each lot is certified in our ISO 17025 accredited laboratory.

Stable and Easy To Use

Our GGA snips are certified stable at room temperature for over 3 years from manufacture. To use, just snip and pour. No pipets needed and because they are designed for single use, no cross contamination or degradation is possible.

Traceable

The certified concentrations of all of our standards are traceable to SI through NIST test masses and/or SRMs. Manufactured and certified under ISO Guide 34:2007 accreditation. Meets ISO 17025 requirements.

GGA Concentrate Snips™ CRM

Dilutes to 300 mL

A box of 25 single-use, Teflon® snips, each containing 6 mL of Glucose: Glutamic acid solution (300 mg/L total). Just snip open the tube and pour contents directly into a 300 mL BOD bottle. Yields a 2% solution of GGA as per SM 5210B. No pipetting means no errors and since we've sterilized the solution in the tube, it is stable indefinitely at room temperature until opened. See our demonstration video at www.nsi-es.com. An ISO 34 Certified Reference Material.

QCI-081SNIP 25 Pack \$57.00

GGA High Concentrate Snips™ CRM

Dilutes to 1000 mL

A box of 25 single-use, Teflon® snips, each containing 6 mL of Glucose: Glutamic acid solution (1000 mg/L total). Just snip open the tube and pour the contents into 1000 mL flask. Yields a 2% solution of GGA as per SM 5210B (22nd Edition). No pipetting means no errors or cross-contamination and since we've sterilized the solution in the tube, it's stable indefinitely at room temperature until opened. Each snip tube yields enough standard to prepare GGA in triplicate as required by SM 5210B. An economical 75¢ per 300 mL bottle! An ISO 34 Certified Reference Material.

QCI-081HSNIP 25 Pack \$57.00

See data presentation regarding GGA snip reproducibility at www.nsilabsolutions.com, click on new products and promotions, white papers.

Universal Wastewater Standard

Ready-to-Use Bottles

Provided as a sterile solution which can be stored at room temperature prior to opening. Once opened, store tightly capped at 4°C. Demand parameters are divided from 1:1 Glucose: Glutamic Acid at 150 mg/L each. Designed to reduce the number of standards you need to manage in your lab, our Universal Wastewater Standard is certified for 12 conventional pollutants. Stable and remarkably easy to use, simply shake and pour aliquot. Works with all listed EPA approved methods.

BOD ₅	198 mg/L
CBOD	163 mg/L
COD	309 mg/L
Conductivity	650 umhos
N-NH ₃	7.50 mg/L
N-NO ₃	3.00 mg/L
pH	6.6 mg/L
P-PO ₄	2.50 mg/L
TDS	600 mg/L
TOC	121 mg/L
Total Solids	800 mg/L
TSS	100 mg/L

QCI-084 4 x 1 L \$175.00

**Published values are targets. True values may vary nominally lot to lot and will be listed in the COA.*

Order online at www.nsilabsolutions.com