

Bioprocessing is complex.

Buffer QC doesn't need to be.

Prevent buffer variability by spot checking early and often with Atlas.

SIMPLIFIED QC WORKFLOW

- 1 SCAN BACKGROUND (WATER)
 - 2 SCAN BUFFER (SINGLE OR MULTI COMPONENT)
 - 3 RESULTS IN 1 MINUTE
- ✓ BUFFER QC IS NOW SIMPLE, ACCURATE & FAST



Know your buffer – rapid QC screen from different sources

Histidine		Atlas Results (n=3)	
100 mM Target Concentration	Mean (mM)	STD (mM)	Error from target
Histidine supplier 1	96.14	0.25	3.86%
Histidine supplier 2	102.53	0.27	2.53%

QC your buffers to confirm concentration in under 1 minute

Histidine		Atlas Results (n=3)	
Target Concentration (mM)	Mean (mM)	STD (mM)	Error from target
100	102.53	0.27	2.53%
50	49.40	0.10	1.21%
20	19.06	0.26	4.68%



For these experiments, buffers were provided by our friends at Boston BioProducts

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