



BEER PANEL ANALYSIS

Basic Beer Panel:

extracts, alcohol, pH, color, bittering units
Volume: 24 oz

Finished Beer Panel:

extracts, alcohol, pH, color, bittering units, CO₂,
air, yeast / mold / bacteria (UBA, MRS)
Volume: 24 oz

Stability Panel (Chill Haze):

tannin and protein content, stability recommendation
Volume: 24 oz

Filterability Panel:

pre and post NTU readings, filter sheet recommendation
Volume: 2 gallons (additional samples needed for
multi-sheet test)

Membrane Filterability Panel:

clogging index value to determine if beer is ready for
sterile filtration
Volume: 36 oz

*Note: should not be done more than 5 days prior to
sterile filtration / bottling*



MICROBIOLOGICAL TESTS

Microscopic Exam

scan for microbes and debris (plating may be
recommended to determine viability)
Volume: 2 ml

Culture, Direct – unpackaged beer

yeast / mold / bacteria – UBA, MRS
Volume: 2 ml

yeast / mold only – UBA

Volume: 2 ml

bacteria only – MRS

Volume: 2 ml

Culture, Membrane Filtration – packaged beer

yeast / mold / bacteria – UBA, MRS
Volume: 12 oz

yeast / mold only – UBA

Volume: 12 oz

bacteria only – MRS

Volume: 12 oz

Yeast Count Viability

NucleoCounter
Volume: 100 ml

CHEMICAL TESTS

Calories

Volume: 24 oz

Mineral & Metal Analyses

iron / copper / calcium / sodium
Volume: 50 ml

**All samples for analysis must be dropped off or
mailed to Gusmer Analytical Services, 640 Airpark
Road, Suite D, Napa, CA 94558. For any questions
regarding samples or for the latest pricing
please contact the Gusmer Napa Laboratory at
707.224.7903.**