



Gusmer Analytical Services For the Brewing Industry

Ensure beer flavor, stability, longevity and more by utilizing Gusmer's Analytical Services for the Brewing Industry. Gusmer offers a variety of tests and testing panels, as well as industry expertise and educated recommendations to assist in your brewing process. All tests are performed on site at Gusmer's well equipped Napa, CA laboratory using the latest techniques and technology.

ACCURATE

Testing is based on the standards set by the American Society of Brewing Chemists (ASBC). Lab accuracy is checked through the International Check Sample Service, provided by the ASBC. Gusmer also has TTB certified chemists on staff to perform the required analysis for your exports.

QUICK

Typical analysis turnaround is 24 - 48 hours. Expedited service is available for a fee.

RELIABLE

Gusmer's longstanding reputation in the industry has shaped this analytical services program for brewing. Gusmer staffs versed technical brewers and has over 85 years of participation in the brewing industry.

If you have questions regarding samples for analysis or sampling procedures, please telephone the lab at 707.224.7903, extension 106 or 109. The minimum analysis charge is \$25. Discounts are available for 5 or more samples of the same test. Please note that all samples for analysis must be sent to the Napa facility (640 Airpark Road, Suite D, Napa, CA 94558).

BEER PANELS

Basic Beer Panel:

extracts, alcohol, pH, color, bittering units
Cost: \$45 / sample
Volume: 24 oz

Finished Beer Panel:

extracts, alcohol, pH, color, bittering units, CO₂, air,
yeast / mold / bacteria (UBA, MRS)
Cost: \$60 / sample
Volume: 24 oz

Stability Panel (Chill Haze):

tannin and protein content, stability recommendation
Cost: \$35 / sample
Volume: 24 oz

Filterability Panel:

pre and post NTU readings, filter sheet recommendation
Cost: \$60 / single sheet test; \$100 / multi-sheet test
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
Cost: \$40 / test
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)

Cost: \$25 / sample

Volume: 2 ml

Culture, Direct - unpackaged beer

yeast / mold / bacteria - UBA, MRS

Cost: \$25 / sample

Volume: 2 ml

yeast / mold only - UBA

Cost: \$20 / sample

Volume: 2 ml

bacteria only - MRS

Cost: \$15 / sample

Volume: 2 ml

Culture, Membrane Filtration - packaged beer

yeast / mold / bacteria - UBA, MRS

Cost: \$40 / sample

Volume: 12 oz

yeast / mold only - UBA

Cost: \$25 / sample

Volume: 12 oz

bacteria only - MRS

Cost: \$25 / sample

Volume: 12 oz

Yeast Count & Viability

NucleoCounter

Cost: \$35 / sample

Volume: 100 ml

CHEMICAL TESTS

Acidity

Cost: \$20 / sample

Volume: 50 ml

Free & Total SO₂

Cost: \$25 / sample

Volume: 50 ml

Mineral & Metal Analyses

Copper

Cost: \$20 / sample

Volume: 50 ml

Magnesium

Cost: \$20 / sample

Volume: 50 ml

Iron

Cost: \$20 / sample

Volume: 50 ml

Sodium

Cost: \$20 / sample

Volume: 50 ml

Lead

Cost: \$20 / sample

Volume: 50 ml

Zinc

Cost: \$20 / sample

Volume: 50 ml

Preparing and Sending Samples:

1. In order to ensure the most accurate analysis, please send full (topped) containers of beer optimally packaged for shipping to minimize breakage.
2. If specific label information is required on the report please make sure that this information is supplied on the sample request form.
3. Submit a completed Analysis Request Form with your samples (www.gusmerbeer.com).
4. Samples may be sent via UPS or FedEx. The US Postal Service does not accept alcohol for shipping. Samples may also be dropped off in person or courier service may be requested.



81 M Street
Fresno, CA 93721
Tel: 559-485-2692
Fax: 559-485-4254

640-D Airpark Rd.
Napa, CA 94558
Tel: 707-224-7903
Fax: 707-255-2019

1165 Globe Ave.
Mountainside, NJ 07092
Tel: 908-301-1811
Fax: 908-301-1812

1401 Ware St.
Waupaca, WI 54981
Tel: 715-258-5525
Fax: 715-258-8488