



Barley, Malt & Brewing Quality Lab

MALT SAMPLE SUBMISSION FORM



MSU requires a current Testing Service Agreement to be on file for all clients. [This form can be found on our website.](#)

Client Information

Name:	
Company:	
Address:	
City, State, Zip	
Phone #	

Service List:

Service List:	Price/ Sample
Full Malt Analysis – for base barley & wheat malts Moisture, FG, CG and F-C Extract, Assortment, Friability, Color, BG, SP, TP, S/T, FAN, DP, AA, Filtration, Clarity, pH.	\$150
Basic Malt Analysis – for base barley & wheat malts <i>(Full tests minus CG Extract and Assortment)</i>	\$100
Adjunct Analysis <i>(For malted adjuncts, Basic tests minus friability & T. Protein) *Must request based on the following options:</i> Adjunct, 1:1 – mashed 1:1 with base barley malt, for low gel temp products needing enzymatic support Adjunct, Pre-Boil 2:3 – mashed 2:3 with base barley malt, a pre boil gelatinizes high gel temp starches	\$150
Specialty Malt Analysis <i>(Moisture, FG Extract, Color, pH) *Must request based on the following options:</i> High Dried - can self-convert - 100% inclusion Caramel - mashed 1:1 w/ base barley malt to support enzymatic conversion Black Malt - very high color - dilute boil extraction – only color/moisture reported	\$75
Enzymes only	\$75
Starch Content	\$50
Cereal Extract <i>(For raw grains. – mashed 2:3 with base barley malt. Typically same measures as Basic, minus friability)</i>	\$150
Glycosidic Nitrile <i>(for distilling malts - only 100g sample needed)</i>	\$225

Sampling & Shipping:

300g per sample required. Samples should be sealed in a moisture proof, 20oz/sandwich size resealable bag, and carefully packaged to prevent opening during shipping. Best practices: Avoid gallon size bags, double bag or tape shut with painters tape. **Samples should be clearly labeled with Product ID/Lot Code, Grain type, Malt Style & Variety** - including more info about your sample helps us provide better data! Please ensure sample is representative of the lot.

**Attn: Malt Quality Lab
Montana State University**

**119 Plant Bioscience Building/P.O. Box 173150
Bozeman, MT 59717-3150**

*Bozeman FedEx/UPS do recognize the 119 Plant Bioscience address (even if your local branch does not), if shipping USPS please use the P.O. Box.

Analysis options: For Adjunct you must indicate 1:1 or PB 2:3, for Specialty you must indicate HD, C, or B.

Additional options can be found on our website or discussed with the lab. For support, see our [Quick Submission Guide](#).

Sample Description: (ID, Grain Type, Variety, Malt Style)	Analysis Requested:	Price:

*Lab staff are unable to interpret your testing needs at intake; testing options must be indicated above, thank you!

*Payment is due within 30 days of sample submission. Please make checks payable to Montana State University.

Questions? Contact Hannah Uhlmann, Laboratory Director: 406-404-6599, hannah.uhlmann@montana.edu