

## Who We Are

Udder Health Systems has comprehensive, state of the art, microbiological-testing facilities in Bellingham WA, Jerome ID, and Boise ID.

UHS has been providing milk quality services and specializing in the diagnosis and control of bovine mastitis since 1978.

In 2004, UHS purchased Rocky Mountain Resource Labs in Jerome ID and expanded their existing food testing procedures into the accredited program that it is today.

Our labs are staffed with teams of microbiologists, food scientists, veterinarians, and animal scientists dedicated to providing top quality service to improve your company's profitability.

Our trained professionals serve as consultants to food manufacturers, milk processors, dairymen, and veterinarians on the topic of microbial testing.

Please feel free to contact:

- Jerome Lab Manager  
Chad Larsen at 208-644-9381  
chad@udderhealth.com

- Boise Lab Manager  
Murali Gurajala at 208-922-9505  
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Jerome, ID 83338

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### Boise Laboratory 208-922-9505

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### Bellingham Laboratory 360-398-1360

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**UHS Laboratories**  
[www.udderhealth.com](http://www.udderhealth.com)



## Food Safety Testing

*Quality  
is our business*

## UHS Laboratories

**1-208-644-9381**  
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## Microbial Analysis Services

Aerobic Plate Count  
Anaerobic Plate Count  
Bacterial Identification  
Campylobacter  
Clean Equipment Swabs  
Contamination Source Tracking  
E. coli and Coliform Count  
HACCP Validation Studies  
Lactic Acid Bacteria  
Legionella  
Media Validation  
Pseudomonas  
Psychotropic Plate Count  
Sanitation Performance Standard Validation  
Shelf-life Testing  
Spoilage Organisms  
Sterility Testing  
Thermotolerant Plate Count  
Thermal Processing Lethality Studies  
Total Enterobacteriaceae Count  
Vibrio  
Yeast and Mold Count

UHS is certified with the state of Idaho's Department of Agriculture to perform Standard Plate Counts and antibiotic residue screens for Grade A Milk.

UHS can also work with you to customize methods to fit your project needs.

## Pathogen Screening

UHS performs several pathogen screens:

### **E. coli O157:H7 (Presence/Absence)**

- BioControl's VIP method (AOAC 996.09) (presence/absence)
- 24 hour turnaround
- Confirmation available

### **Enterobacter sakazakii (Presence/Absence)**

- Bax PCR System (presence/absence) (in dry milk products such as infant formulas).
- 24 hour turnaround

### **Listeria species (Presence/Absence)**

- VIP method (AOAC 997.03) (presence/absence)
- Speciation upon request
- 48 hour turnaround

### **Salmonella (Presence/Absence)**

- BAX System (AOAC 2003.09) and the BioControl 1-2 (AOAC 989.13) methods (presence/absence)
- 24 hour turnaround
- Confirmation available

### **Staphylococcus aureus**

- Enumeration (AOAC 2001.05)(CFU/g)
- 24 hour turnaround
- Coagulase test available

UHS is successfully participating in the American Proficiency Institute's Food Microbiology Program. It includes competence testing for E. coli O157:H7, Listeria, and Salmonella.

UHS has submitted an application for ISO accreditation to A2LA.

## Our Staff

UHS has a team of highly trained Microbiologists that can analyze a wide variety of Food and Consumer Products.



Chad Larsen is the Laboratory Manager in the UHS-Jerome Lab. He joined the UHS staff in July, 2008. Chad has a B.S. and M.S. degree in Food Science from Brigham Young University. He has seven years of food science experience with Otto and Sons in Utah.

Two of those years were spent as Quality Assurance Manager. Chad has been working to expand the current food testing at UHS and has submitted an application for ISO accreditation to A2LA.



Murali Gurajala is the Laboratory Manager in the UHS-Boise Lab. He joined the UHS staff in October, 2008. Murali is a 2001 graduate of A.N.G. R. Agricultural University (India) with a B.S. in Veterinary Science and Animal Husbandry. He has also done graduate

work in Food Science at the University of Idaho and has microbiology lab experience working at Kraft Foods (Rupert, ID) and Capricorn Foods (India). Murali will be working to further develop the food testing services in the UHS-Boise Lab.