



Prairie Tide Alcoholic Beverage Analytical Service

Prairie Tide Analytics offers testing for the alcoholic beverage market to assist in quality assessments and regulatory compliance.

The following tests are available:

Wine COA Testing	
Agriculture Chemicals (pesticide residues)	USP <561>
Alcohol (%ABV)*	GC
Alcohol (%ABV)*	NIR
Density/Specific Gravity	AOCS To 1a-64
Elemental Analysis	AOCS Ca 17a-18
Arsenic	
Copper	
Lead	
Ethyl Carbamate	OIV-MA-AS315-04
Sorbic Acid	OIV-MA-AS4-02B
Sulphur Dioxide (Free)	OIV-MA-AS323-04B
Sulphur Dioxide (Total)	OIV-MA-AS323-04B
Total Reducing Sugars	Spectrophotometric
Volatile Acidity (as Acetic Acid)	GC
Beer/Lager COA Testing	
Agriculture Chemicals (pesticide residues)	USP <561>
Alcohol (%ABV)*	GC
Alcohol (%ABV)*	NIR
Density/Specific Gravity	AOCS To 1a-64
Ethyl Carbamate	OIV-MA-AS315-04
Elemental Analysis	AOCS Ca 17a-18
Arsenic	
Lead	
Total Reducing Sugars	Spectrophotometric
Cider COA Testing	
Agriculture Chemicals (pesticide residues)	USP <561>
Alcohol (%ABV)*	GC
Alcohol (%ABV)*	NIR



Density/Specific Gravity	AOCS To 1a-64
Ethyl Carbamate	OIV-MA-AS315-04
Elemental Analysis	AOCS Ca 17a-18
Arsenic	
Lead	
Sorbic Acid	OIV-MA-AS4-02B
Sulphur Dioxide (Free)	OIV-MA-AS323-04B
Sulphur Dioxide (Total)	OIV-MA-AS323-04B
Total Reducing Sugars	Spectrophotometric
Volatile Acidity (as Acetic Acid)	GC

Cooler/RTD COA Testing

Agriculture Chemicals (pesticide residues) ¹	USP <561>
Alcohol (%ABV)*	GC
Alcohol (%ABV)*	NIR
Density/Specific Gravity	AOCS To 1a-64
Elemental Analysis	AOCS Ca 17a-18
Arsenic	
Lead	
Ethyl Carbamate	OIV-MA-AS315-04
Methyl Alcohol ^{2*}	GC
Sorbic Acid	OIV-MA-AS4-02B
Sulphur Dioxide (Total)	OIV-MA-AS323-04B
Total Reducing Sugars	Spectrophotometric
Volatile Acidity (as Acetic Acid)	GC

¹Beer and wine-based products

²Distillate based products

Vodka/Gin/Liqueur COA Testing

Alcohol (%ABV)*	GC
Alcohol (%ABV)*	NIR
Ethyl Carbamate	OIV-MA-AS315-04
Elemental Analysis	AOCS Ca 17a-18
Arsenic	
Lead	
Methyl Alcohol*	GC
Total Reducing Sugars	Spectrophotometric

Spirits COA Testing

Alcohol (%ABV)*	GC
Alcohol (%ABV)*	NIR
Ethyl Carbamate	OIV-MA-AS315-04



Elemental Analysis	AOCS Ca 17a-18
Arsenic	
Lead	
Methyl Alcohol*	GC

Optional Testing

Alcohol (%ABV)*	GC
Alcohol (%ABV)*	NIR
Caffeine ³	HPLC
Density/Specific Gravity	AOCS To 1a-64
Synthetic Dyes ⁴	HPLC

*ISO 17025 accredited

³All caffeine containing products

⁴All coloured products

Nutritional Labeling/Calories COA Testing

Alcohol (%ABV)*	GC
Alcohol (%ABV)*	NIR
Total Carbohydrate	OIV-MA-AS315-04
As Sugar	Spectrophometric
Total Fats	AOAC 983.23
Total Protein	IR
Calories	Calculated

*ISO 17025 accredited

All standard rates include reporting results within a standard turnaround time. For routine samples, the average turnaround time is 2-3 business days.

For pricing, please request a quote.

If you have any questions, please contact: Martin King (martin.king@prairietide.com)