

List of Methods of Analysis for Beverage Alcohol

Analyte(s)	Product Type	Technology	Reference
Alcohol	Wine	Distillation, Pycnometry	AOAC Official Method of Analysis 920.57
Alcohol	Distilled Liquors	Distillation, Pycnometry	AOAC Official Method of Analysis 942.06
Alcohol	Distilled Liquors	Distillation, Densitometry	AOAC Official Method of Analysis 982.10
Alcohol	Liqueurs Dairy Products	Distillation, Densitometry	AOAC Official Method of Analysis 983.12
Ash	Beer	Incineration	ASBC Official Method Beer-14
Bitterness	Malt Beverages	Spectrophotometry	AOAC Official Methods of Analysis 970.16; ASBC Official Method Beer-23, A
Caffeine	Distilled Spirits	HPLC	JAOAC 72, 614-618 (1989)
Calories	Malt Beverages	Calculation	AOAC Official Methods of Analysis 971.10
Calories	Wine	Calculation	AOAC Official Methods of Analysis 979.07
Caramel	Distilled Spirits	HPLC	JAOAC 82, 997-1001 (1999)
Carbohydrates	Malt Beverages	By Difference	AOAC Official Methods of Analysis 979.06; ASBC Official Method Beer-6 D
Carbohydrates	Wine	By Difference	AOAC Official Methods of Analysis 985.10
Carbon Dioxide	Wine	Enzymatic & Titrimetric	AOAC Official Methods of Analysis 988.07
Ethyl Carbamate	Wines, Distilled Spirits	GC/MS	JAOAC 89, 4, 1048-1051 (2006)
Extract	Wine	Evaporation	AOAC Official Methods of Analysis 920.62

Analyte(s)	Product Type	Technology	Reference
Extract	Wine	Densitometry	JAOAC 69, 4, 709-711 (1986)
pH	Wine, Distilled Spirits	pH Meter	AOAC Official Methods of Analysis 960.19
Potassium & Sodium	Wine	Flame AA Spectrometry	AOAC Official Methods of Analysis 963.13
Real Extract	Beer	Densitometry	ASBC Official Method Beer-5 A and B
Solids	Distilled Spirits	Evaporation	AOAC Official Methods of Analysis 920.47
Solids	Cordials and Liqueurs	Pycnometry	AOAC Official Methods of Analysis 940.09(a)
Specific Gravity	Beer	Densitometry	AOAC Official Methods of Analysis 988.06
Specific Gravity	Beer	Densitometry	ASBC Official Method Beer-2, B
Specific Gravity	Distilled Liquors	Densitometry	AOAC Official Method of Analysis 982.10
Synthetic Color	Alcoholic Beverages	HPLC	JAOAC 61, 4, 908-910 (1978)
Synthetic Color	Alcoholic Beverages	SPE/TLC	JAOAC 77, 5, 1335-37 (1994)
Total Acids	Wine	Titration	AOAC Official Methods of Analysis 962.12
Total Acids	Beer	Potentiometric Titration	ASBC Official Method Beer-8A
Total Color	Distilled Spirits	Spectrophotometry	AOAC Official Methods of Analysis 956.02
Total Sulfur Dioxide	Foods	Optimized Monier-Williams	AOAC Official Method of Analysis 990.28
Volatile acids - exclusive of SO ₂	Wine	By Mercuric Oxide Treatment & Titration	AOAC Official Methods of Analysis 978.12
Volatile acids - total	Wine	Cash Still & Titration	AOAC Official Methods of Analysis 964.08