

List of Methods of Analysis for Nonbeverage Products

| Analyte(s) | Product Type | Technology | Reference |
|---|--------------|--|--|
| Acetic acid, Propylene Glycol, Glycerol, Benzaldehyde | NBA | GC, HPLC | AOAC Official Methods of Analysis 968.09, 972.1 (17th Ed); Am. J. Enol. Vitic. 54:1, 2003; LC-GC 16:12, 1998 |
| Alcohol | NBA and SDA | Distillation, GC | AOAC Official Methods of Analysis 920.57, 920.58, 950.13, 982.10, 984.14 (17th Ed) |
| Alcohol | NBA and SDA | Distillation, Densitometer | AOAC Official Methods of Analysis 920.47, 942.06, 945.07, 982.10, 983.12 (17th Ed.); ASBC Official Method Beer-4; 27CFR part 30 |
| Aparent Specific Gravity | NBA | Density Meter | AOAC Official Methods of Analysis 950.28, 982.10 (17th Ed) |
| Ash | NBA | Muffle Oven | AOAC Official Methods of Analysis 920.54, 920.67, 950.14 (17th Ed); 920.48 (15th Ed); ASBC Official Method Beer-14 |
| Babcock Test | NBA and SDA | Babcock Test | AOAC Official Methods of Analysis 942.08B, 955.17 (17th Ed) |
| Ethanol for Solid Products | NBA | Distillation, GC | AOAC Official Methods of Analysis 920.57, 920.58, 950.13, 982.10 (17th Ed) |
| Fusel Oils (Higher Alcohols) & Ethyl Acetate | NBA | Gas Chromatography | AOAC Official Methods of Analysis 968.09, 972.10 (17th Ed); JAOAC 64, 1981, 186-190 |
| Methanol | NBA | Gas Chromatography | AOAC Official Methods of Analysis 972.11(17th Ed) |
| Obscuration | NBA | Evaporative method | JAOAC, 69:4 1986 pp. 709-7111 |
| pH | NBA | pH Meter | AOAC Official Methods of Analysis 960.19 (17th Ed) |
| Solids | NBA | Evaporative method | AOAC Official Methods of Analysis 920.47, 940.09, 950.27 (17th Ed) |
| Sorbic Acid/Benzoic Acid | NBA | HPLC | AOAC Official Methods of Analysis 909.02, 967.15, 979.08, 983.16, 990.25, 994.11 (17th Ed); Hewlett-Packard Applicaton Note AN232-4 |
| Sugars | NBA | HPLC | TTB Official Method |
| Synthetic Color | NBA | HPLC | AOAC Official Methods of Analysis 980.24 (17th Ed), |
| Synthetic Color | NBA | Solid Phase Extraction/Thin-Layer Chromatography | JAOAC, 77:5, 1994 pp. 1335-37 |
| Total Acids | NBA | Auto Titrator | AOAC Official Methods of Analysis 945.08, 950.15, 962.12 (17th Ed) |
| Vanillin, Ethyl Vanillin, Coumarin, Heliotropin | NBA | HPLC | AOAC Official Methods of Analysis 909.02, 945.98, 964.10, 966.12, 966.13, 967.15, 983.16 (17th Ed); Hewlett-Packard Application Note AN232-4 |
| Visual Examination | NBA | Physical Examination | AOAC Official Methods of Analysis 930.19, 950.12 (17th Ed) |

TTB Official Methods listed in this table are not available at this time.