



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Color Determination In Red Grape Juice Concentrates

Method Number: NQA-06.6002

Scope of Application: This method applies to the determination of color in red grape concentrate or other red-purple juices.

Description: The sample is diluted with a phosphate/citric acid buffer. Filtration occurs using cellulose filters, and measurement is performed using a spectrophotometer.

Sample Weight Required: 50 g

Analytical Platform: UV-Spectrophotometer

| Analyte Reported | Alias | Unit of Measure | Limit of Quantification | Reproducibility |
|--|-------|-----------------|-------------------------|-----------------|
| Color at 430 nm [0.500% ± 0.003% (m/v)] | | N/A | N/A | 10% |
| Color at 520 nm [0.500% ± 0.003% (m/v)] | | N/A | N/A | 10% |
| Ratio 520 nm/430 nm [0.500% ± 0.003% (m/v)] | | N/A | N/A | 10% |
| Color at 430 nm [2.00% ± 0.01% (m/v)] | | N/A | N/A | 10% |
| Color at 520 nm [2.00% ± 0.01% (m/v)] | | N/A | N/A | 10% |
| Ratio 520 nm/430 nm [2.00% ± 0.01% (m/v)] | | N/A | N/A | 10% |