



Colorant and Additive Testing Services

At Mérieux NutriSciences, we help food and beverage brands confidently reformulate their products, involving colorants and additives. Our comprehensive services detect and quantify both synthetic and natural dyes, screen for banned substances, and analyze key functional additives—including preservatives, antioxidants, and sweeteners. With ISO-accredited methodologies and deep global regulatory expertise, we empower your clean-label initiatives, ensure regulatory compliance, and protect brand trust at every step.

| Colorant Testing Services | |
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| Comprehensive Dye Analysis | Validated HPLC methods enable broad-spectrum quantification of synthetic dyes—both oil- and water-soluble—across a wide range of food matrices, supporting complete color profiling and clean-label compliance. Additionally, we offer targeted analysis of specific dye classes (e.g., Allura Red, Tartrazine, Brilliant Blue FCF) to ensure formulation accuracy, label claims, and regulatory compliance. |
| Additive Testing Services | |
| Banned & Restricted Dye Screening | Detection of high-risk and non-permitted dyes such as Sudan dyes, Rhodamine B, Para Red, and Orange II to ensure product safety and meet global regulatory standards. |
| Functional Additive Analysis | Comprehensive testing for antioxidants, preservatives, flavorings, sweeteners, and enhancers—including BHT, BHA, aspartame, vanillin, phosphates, and glutamates—to ensure accurate labeling, clean-label alignment, and regulatory compliance. |
| Reformulation and Consulting Support | |
| Reformulation Support | Technical advice to replace or remove high-risk additives, achieve clean-label objectives, and ensure global compliance with minimal impact on product quality. |
| Consulting | Our expert team supports food manufacturers with sensory testing, technical consulting, supplier audits, and more. From identifying suitable alternatives to ensuring quality and compliance, we help you navigate every step of the transition with confidence and consumer insight. |