

EXBERRY® BY GNT

# Liquid Product List

GNT offers the widest range of Coloring Food shades in the industry. Our EXBERRY® colors are valued for their brilliance, easy of use, consumer-friendly labeling, and performance. Processed from recognizable fruits, vegetables, or edible plants, our colors meet modern consumer expectations.



Non  
GMO



Kosher



Halal



Vegan



# Coloring food with food.

At GNT, we know what contemporary consumers want—vibrant colors made from label-friendly, **easily identifiable raw materials** processed using simple methods. Our goal is to take the burden off of manufacturers by ensuring our colors meet these demands.

We are committed to using a **vertically integrated system** which ensures the reliability of our supply chain, stable pricing systems, and lasting partnerships with our growers. The integrity of our raw materials, clean processing methods, and satisfaction of our customers has made GNT the food and beverage industry's leading Coloring Food brand.

Our EXBERRY® shades are valued for their brilliance, ease of use, consumer-friendly labeling, stability, and performance. They are used in a wide variety of applications throughout the world including seasonings, plant-based foods, baked goods, dairy, beverages, frozen desserts, and confectionery.

Our non-GMO ingredients, **vegan, halal, and kosher-friendly** colors result in clean and clear label declarations. We process our ingredients using simple, physical, water-based methods such as chopping, filtering, boiling and pressing free from chemical solvents. The result is a portfolio of the widest range of stable, on-trend colors in the industry.

Our **specialized teams** are available to support you throughout every facet of the commercialization process. We provide advice on stability testing, color selection, performance, upscaling and every other aspect of application development. Our regulatory compliance teams provide quality documentation and guidance on coloring product labeling to ensure that your selected market's regulatory standards are met.

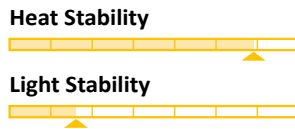
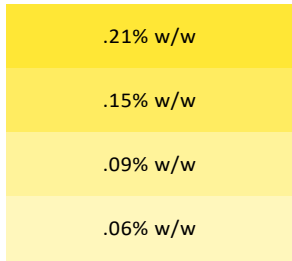
Our brilliant rainbow of beautifully vivid shades not only meets the needs of today's most demanding consumer, they also satisfy the requirements of a broad range of manufacturers who require eye-catching colors that are as vibrant as they are versatile.



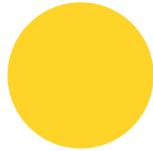
# Liquid Product List



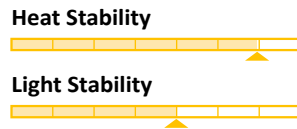
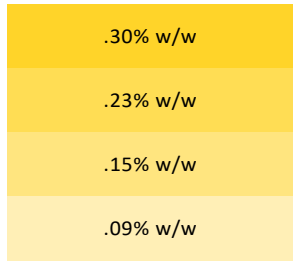
EXBERRY® Shade  
**Bright Yellow**



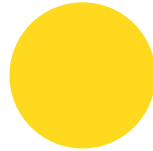
- Provides Cloudiness
- Limit Light Exposure



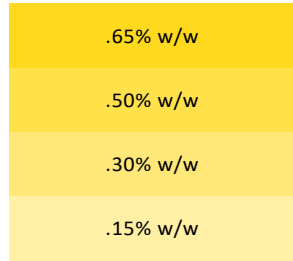
EXBERRY® Shade  
**Celestial Yellow**



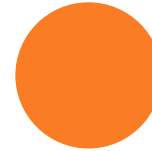
- Provides Cloudiness
- Stability Enhanced with Ascorbic Acid



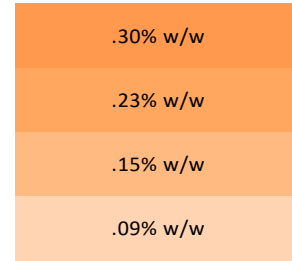
EXBERRY® Shade  
**Mango Yellow**



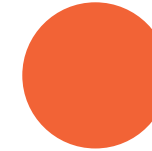
- Provides Cloudiness
- Stability Enhanced with Ascorbic Acid



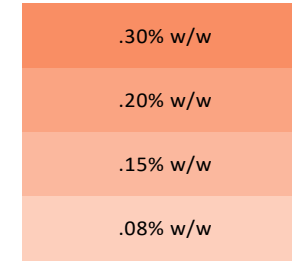
EXBERRY® Shade  
**Brilliant Orange**



- Provides Cloudiness
- Stability Enhanced with Ascorbic Acid



EXBERRY® Shade  
**Mandarin**



- Provides Cloudiness
- Stability Enhanced with Ascorbic Acid
- Color Shifts Yellow-Orange with Fat, Heat, Shear

**Item Number:**  
23000001

**Labeling (USA):**  
Turmeric (Color)

**Item Number:**  
474503

**Labeling (USA):**  
Fruit & Vegetable Juice (Color)

**Item Number:**  
450005

**Labeling (USA):**  
Fruit Juice (Color)

**Item Number:**  
10180001

**Labeling (USA):**  
Vegetable Juice (Color)

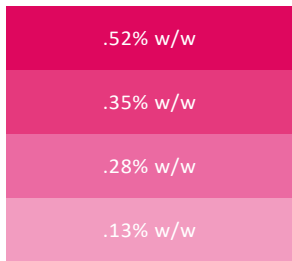
**Item Number:**  
429340

**Labeling (USA):**  
Fruit & Vegetable Juice (Color)

# Liquid Product List



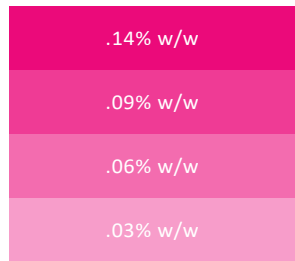
EXBERRY® Shade  
**Fiesta Pink**



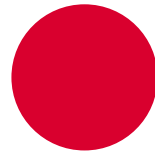
- Heat Sensitive
- Stability Enhanced with Ascorbic Acid



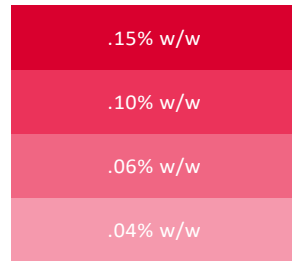
EXBERRY® Shade  
**Brilliant Pink**



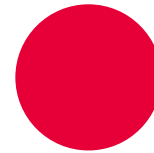
- pH Sensitive



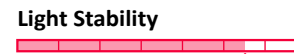
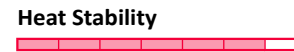
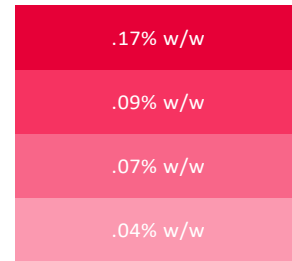
EXBERRY® Shade  
**Vivid Red**



- pH Sensitive



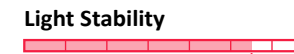
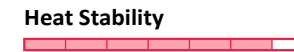
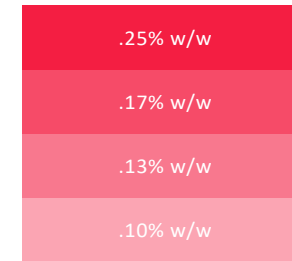
EXBERRY® Shade  
**Veggie Red**



- pH Sensitive



EXBERRY® Shade  
**Rubescent Red**



- pH Sensitive

**Item Number:**  
51420003  
**Labeling (USA):**  
Vegetable Juice (Color)

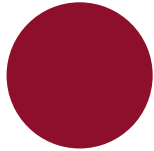
**Item Number:**  
80180004  
**Labeling (USA):**  
Vegetable Juice (Color)

**Item Number:**  
15330021  
**Labeling (USA):**  
Fruit & Vegetable Juice (Color)

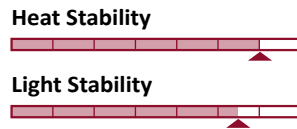
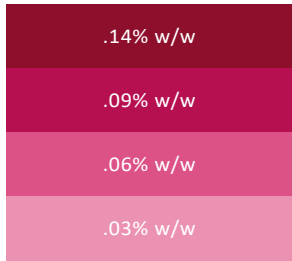
**Item Number:**  
84180007  
**Labeling (USA):**  
Vegetable Juice (Color)

**Item Number:**  
79180004  
**Labeling (USA):**  
Vegetable Juice (Color)

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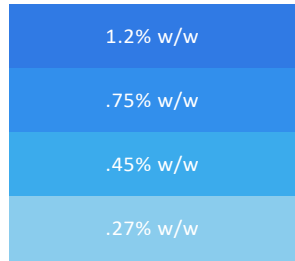
EXBERRY® Shade  
**Purple Plum**



● pH Sensitive



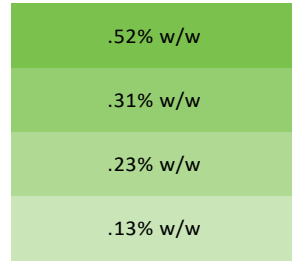
EXBERRY® Shade  
**Majestic Blue**



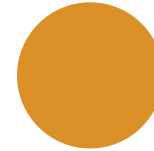
● pH Sensitive  
● Heat Sensitive



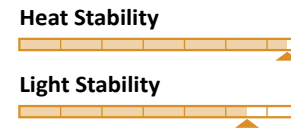
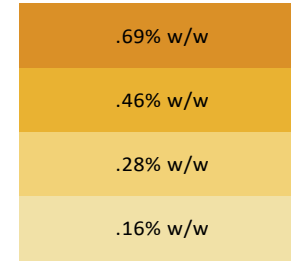
EXBERRY® Shade  
**Lime Green**



● pH Sensitive  
● Heat Sensitive  
● Provides Cloudiness  
● Limit Light Exposure



EXBERRY® Shade  
**Amber**



Item Number:  
933901  
Labeling (USA):  
Fruit Juice (Color)

Item Number:  
18240040  
Labeling (USA):  
Fruit & Vegetable Juice (Color)

Item Number:  
60000201  
Labeling (USA):  
Spirulina Extract (Color)

Item Number:  
23600002  
Labeling (USA):  
Turmeric (Color),  
Spirulina Extract (Color)

# Applications and Product Guidelines

## Provides Cloudiness

Some colors in the yellow-orange range are water dispersible and will impart a cloudy appearance when dispersed into water. The level of cloudiness will increase with increasing dosage.

For shade “Bright Yellow”, cloudiness will decrease and color intensity will increase after heating.

## Stability Enhanced with Ascorbic Acid

Where noted, the stability of some colors through heating or shelf life is enhanced with ascorbic acid in certain applications. It is always best to reach out to one of our technical sales representatives for more information about your specific product.

## pH Sensitivity

Some colors in the red-blue range are pH sensitive, which means that the color hue and intensity will shift at different pH. For the red-purple hues, the color will be more bluish at increased pH.



For shade “Majestic Blue” and “Lime Green”, pH may also affect the protein structure.

## The EXBERRY® Advantage

By blending more than 25 different raw materials, we can offer you the perfect range of color shades for your product. Our EXBERRY® portfolio covers over 400 color shades—including blue. Dosage levels are generally in the range of 0.05 - 2.0% (w/w) depending upon the desired color hue and application.