

# Application Data Sheet

## Bio 26 Annatto Dye



23 Patrys Crescent  
Okavango Park  
Brackenfell  
7560  
Cape Town  
South Africa

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**Description:** Bio 26 Annatto Dye is an aqueous potassium hydroxide solution of the colouring pigment norbixin, extracted from annatto seeds.

**Use:** Bio 26 Annatto Dye is suitable for use in the dairy, fish, meat, and bakery industry and a variety of other food products like ice cream, sugar confectionary, cereals, snack foods, cones, and casings. Not suitable for use in products with a low pH, as this will cause the colourant to precipitate. Bio 26 Annatto Dye is completely miscible in water.

### Difference in colour with concentration and media variations

| Colourant* | 385 ppm | 769 ppm | 1923 ppm | 3846 ppm | 7692 ppm |
|------------|---------|---------|----------|----------|----------|
| Active**   | 5 ppm   | 10 ppm  | 25 ppm   | 50 ppm   | 100 ppm  |

Water



Milk



\*Based on an average colour strength of 1.30%. \*\*Active pigment dosage concentration.