

Application Data Sheet

Bio 42 Annatto Dye



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Description: Bio 42 Annatto Dye is an aqueous potassium hydroxide solution of the colouring pigment norbixin, extracted from annatto seeds.

Use: Bio 42 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 42 Annatto Dye is completely miscible in water.

Difference in colour with concentration and media variations

Colourant*	222 ppm	444 ppm	1111 ppm	2222 ppm	4444 ppm
Active**	5 ppm	10 ppm	25 ppm	50 ppm	100 ppm

Water



Milk



*Based on an average colour strength of 2.25%. **Active pigment dosage concentration.