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# Our Colours... Your Requirement

Providing innovative colour based solutions tailored to meet your food needs.

## Pharmaceutical Colour

By **Orio** Colour



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# Innovation Through Colours

Sharing knowledge of new processes and new colours that help our customers stay at the cutting edge of their industries.

Orio Colour can produce an infinite number of shades in powder and liquid forms, as well as colours dispersed onto specific substrates.

New vibrant colours & solutions to meet your needs and market trends!

## Product awareness, design and legislation:

Advice on improving your product design to get maximum performance and ensuring that you meet local and global requirements

## The right colour for the right application with the most powerful colouring power:

- Bespoke colour designed for you with our technical team.
- Right fineness of our products made in the plant.
- No streaking and specking in final products & reduce the complexity to use colours in your plant.

## Sampling & production trials:

- Aid in scaling up from lab to factory.
- Production optimisation and improvements.



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# Blending

## Bespoke colours :

In our colour laboratories we can create custom colours & specific shades to match your requirements.

Colour/particle size controls and Micro testing are performed when required.

## Powder:

- **Compounding with your ingredients** - Handling powders can sometimes cause contamination problems. We can blend the powdered colours with your primary ingredients to help solve this problem.
- **Speckfree colours** - Synthetic dyes specially blended to eliminate specking.
- **Water soluble colours**

## Liquid:

- **Compounding with your ingredients** - Handling liquids can sometimes cause dosing problems. Real Colour can blend the liquid colours with your primary ingredients to help solve this problem.

## Custom Requirements :

- Additional microbiological and analytical testing (such as heavy metals) can be carried out on any blends made, according to customer requirements.



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## Key Applications

- Hard & soft gelatin capsules
- Tablet coatings
- Compressed tablets
- Sachets
- Syrups
- Toothpastes / Oral Care

## Pharmaceutical Range

- Water soluble Dyes
- Lakes

### Customised blends to remove dosing or contamination problems:

Exact shades , batch to batch consistency & uniformity  
(colour & particle size controls)



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# Our Customised Solutions

## Speck-free powders:

- These are water soluble dye blends that are usually dispersed onto another material such as Lactose.
- Where this contains more than one colour ingredient, this process uses an additional wetting and drying phase in the production process. This ensures the colour ingredients are blended to a much finer degree than just a milling process can achieve.
- The mass tone of a dye is often different to the colour of the dye in solution. The Speck-free process, where wetting out is involved, gives a mass colour similar to the solution colour.
- Even well blended dye mixes can show specking of different colours as they are dissolving. A Speckfree blend does not and will appear as a single colour.
















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COLOUR REFERENCE	PRODUCT NAME	CI NUMBER	EINECS	CAS NO.	LIGHT	TEMP	ACID	ALKALI
<b>WATER SOLUBLE COLOURS - WATER SOLUBLE DYES (Powders)</b>								
	Tartrazine	19140	217-699-5	1934-21-0	●	●	●	●
	Quinoline Yellow	47005	305-897-5	8004-92-0	●	●	●	●
	Sunset Yellow FCF	15985	220-491-7	2783-94-0	●	●	●	●
	Carmoisine	14720	222-657-4	3567-69-9	●	●	●	●
	Amaranth	16185	213-022-2	915-67-3	●	●	●	●
	Ponceau 4R	16255	220-036-2	2611-82-7	●	●	●	●
	Erythrosine	45430	240-474-8	16423-68-0	●	●	●	●
	Allura Red AC	16035	247-368-0	25956-17-6	●	●	●	●
	Brilliant Blue FCF	42090	223-339-8	3844-45-9	●	●	●	●
	Patent Blue V	42051	222-573-8	3536-49-0	●	●	●	●
	Brown HT	20285	224-924-0	4553-89-3	●	●	●	●
	Indigo Carmine	73015	212-728-8	860-22-0	●	●	●	●
	Black PN	28440	219-746-5	2519-30-4	●	●	●	●

● Poor ● Moderate ● Good

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## Cosmetic Colour by Orio Colour

Please contact your regional sales representative or email:

[info@oriocolour.com](mailto:info@oriocolour.com) | [www.oriocolour.com](http://www.oriocolour.com)

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