

## Blue No. 1 FD&C Lake

### Specification Sheet

**Description:** Color group: blue. Organic, FDA-approved, high-purity pigment. Synonyms: Blue 1206, acid blue 9, brilliant blue FCF. Chemical class: TPM (triphenyl methane). Water solubility: 20g/100ml.

**CAS:** 68921-42-6

**INCI Name:** CI 42090 (blue no. 1 FD&C lake)

**Benefitis:**

- Provides superior color purity and saturation
- Oil soluble, water insoluble but with good dispersibility and no aggregate formation

**Use:** Can be tinted with titanium dioxide to create light blue shades. For best results wet in oil before use. Typical use levels: Face makeup 0.1-10%, eye makeup 0.1-20%, lipstick 0.1-10%, nail varnish 0.1-5%, skin care 0.1-2%, toothpaste 0.1-2%. External use only.

**Applications:** Decorative cosmetic products including lipsticks, nail lacquers & face makeups, personal care products, soaps. USA and EU approved for use: Lips, Eyes, and Face.

**Batch Certification:** Batch Certification Disclaimer: This product is subject to Batch Certification which means that this product has been certified batch by batch by the FDA. When we open such a FDA-certified package and repack it for you into smaller sizes, the repacked containers lose their certification. For this reason, you are not permitted by the FDA to use repacked containers for making cosmetics for resale. Please contact us if you need batch certified colors (they are available only in larger sizes).

**Country of Origin:** France

**Raw material source:** 2-formylbenzenesulfonic acid

**Manufacture:** Blue No. 1 is a synthetic dye produced by the condensation of 2-formylbenzenesulfonic acid and the appropriate aniline followed by oxidation. The dye is then combined with a salt to create a stable pigment (lake).

**Animal Testing:** Not animal tested

**GMO:** GMO free (does not contain plant-derived components)

**Vegan:** Does not contain animal-derived components