

## Red No. 40 FD&C Lake

### Specification Sheet

**Description:** Color group: red (dye content 35-45%). Organic, FDA-approved, high-purity pigment. Chemical class: Monoazo.

**CAS:** 68583-95-9, 7732-18-5

**INCI Name:** CI 16035 (red no. 40 FD&C lake), Water

**Composition:** CI 16035 (red no. 40 FD&C lake), Water, Sodium Chloride

**Appearance:** Red-brownish powder

**Benefits:**

- Provides superior color purity and saturation.
- Very good dispersibility and no aggregate formation when dispersed in liquids.

**Use:** Can be tinted with titanium dioxide to create light red/pink shades. For best results wet in oil before use. For external use only.

**Applications:** Decorative cosmetic products including lipsticks, nail lacquers & face makeups, personal care products, soaps.

**Solubility:** Water-soluble (22g/100ml), miscible in oils.

**Preservation:** Preservative-free.

**Storage:** Store light-protected at a cool and dry place.

**Country of Origin:** USA

**Raw material source:** Naphthalene-2-sulfonic acid and toluenesulfonic acid

**Manufacture:** FD&C Red No. 40 is manufactured by coupling diazotized 5-amino-4-methoxy-2-toluenesulfonic acid with 6-hydroxy-2-naphthalene sulfonic acid. 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.

**HS Code:** 3204130000

**Regulatory Information:** Red No. 40 FD&C Lake is a FDA-approved color additive and is subject to batch certification. It may be safely used in coloring cosmetics generally. For cosmetics intended for use in the area of the eye, it has to be used in amounts consistent with current good manufacturing practice and the color additive shall not be exposed to oxidizing or reducing agents that may affect the integrity of the color additives or any other condition that may affect their integrity. Batch certification 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 certified color additives for producing cosmetics for resale. Please contact us if you need batch certified colors (they are available only in larger sizes).