

## CBD Isolate (Cannabidiol)

### Specification Sheet

**Description:** Cannabidiol (CBD) is a phytocannabinoid obtained from the hemp plant (*Cannabis sativa*). It comes as a 99.9% pure isolate powder that is non-GMO, pesticide-free, herbicide-free, and THC free. Off-white to light tan powder. Melting temperature 77oC (171oF). Soluble in oil, insoluble in water.

**CAS:** 13956-29-1

**INCI Name:** Cannabidiol

**Benefits:**

- High-purity CBD isolate with no THC (tetrahydrocannabinol). Legal THC limit is 0.3%.
- Non-GMO, pesticide-free, herbicide-free
- Allowed to be used as cosmetic ingredient in the USA

**Use:** Add to oils or oily solvents or, when making emulsions, add to the oil phase. Typical use level 50mg - 500mg (= 0.05g - 0.5g) of CBD per 1oz of oil or cream. This dosage equals 0.18% - 1.8%. For external use only. Protect from air, light and heat.

**Applications:** Anti-aging serums, soothing creams & lotions, oil tinctures, oil serums.

**Country of Origin:** USA

**Raw material source:** Stalks and stems of hemp (*Cannabis sativa*) plant

**Manufacture:** CBD is produced by CO2 extraction of the hemp plant involving filtering plants through a series of chambers that control temperature and pressure.

**Animal Testing:** Not animal tested

**GMO:** GMO-free

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