

Carmine is a naturally sourced, renewable colorant consisting primarily of carminic acid, a compound known to exhibit shades of pink and red. Its origin is a small insect known as the cochineal beetle (*Dactylopius coccus costa*) that feeds on the fruit of a specific type of cactus.

Once harvested, the carmine is pulverized and purified. The resulting carmine is used to manufacture an array of red to purple aluminum lake colorants, each meeting the strict set of standards specified by the U.S. Code of Federal Regulations; (FDA) USA 21CFR Section 73.100 Foods, 73.1100 Drugs and 73.2087 Cosmetics.



● INCI Name:	Carmine
● Other Names:	Natural Red 4 Aluminum Lake
● CAS#:	1390-65-4
● EINECS #:	215-724-4
● Country of Origin	Chile
● Color Index	75470
● Carminic Acid Content	52%

	Appearance	Composition	Solubility
BRIGHT RED #090306	Bright red powder	Carmine	Insoluble: powder colors by dispersion
RED #43004	Scarlet red powder	Carmine	Insoluble: powder colors by dispersion
RED (B)-HRBX	Scarlet red powder	Carmine	Insoluble: powder colors by dispersion
RED (B)-RBX	Red blue powder	Carmine	Insoluble: powder colors by dispersion
RED (B)-RYX	Red yellow powder	Carmine	Insoluble: powder colors by dispersion
RED BI	Bluish red powder	Carmine & Maltodextrin	Soluble in dilute alkaline solution
PURPLE #13083	Violet blue powder	Carmine	Insoluble: powder colors by dispersion
PURPLE (B)-BVX	Blue violet powder	Carmine	Insoluble: powder colors by dispersion
CARMINE TE	Bright red powder	Carmine & Triethoxycaprylyl-silane	Insoluble: hydrophobic

The information provided is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

June 14, 2019 rev