

Unicert Brown Replacement-J (KCW02)

1. Product description / Description du produit

Water-soluble dye in compliance with EU, US, Japanese and Chinese cosmetic regulations /
 Colorants hydrosolubles en conformité avec les réglementations cosmétiques UE, US, Japon et Chine. Mixture
 of three monoazoic dyes / Mélange de trois colorants monoazoïques.

2. Legislation / Réglementation

INCI	CI 14700	CI 19140	CI 17200
CTFA name	Red 4	Yellow 5	Red 33
CAS No.	4548-53-2	1934-21-0	3567-66-6
EC No.	224-909-9	217-699-5	222-656-9
Colour Index	14700	19140	17200
EU - 76/768/EC [1]	Annex IV, Part 1 : CI 14700*	Annex IV, Part 1 : CI 19140*	Annex IV, Part 1 : CI 17200*
EU - 2008/128/EC [1]	----	E102	----
USA	Red 4**	Yellow 5***	Red 33****
JAPAN	IIb Red 504	I Yellow 4	I Red 227
CHINA	CI 14700	CI 19140	CI 17200

* cat 1 : allowed in all cosmetics. ** Certified grade ; for coloring externally applied cosmetics. *** Certified grade ; for coloring cosmetics generally, including cosmetics intended for use in the area eye. **** Certified grade ; for coloring cosmetic lip product (3% max in the finished cosmetic products), mouthwashes (including breath fresheners), dentifrices and externally applied cosmetics. [1] including amendments

Each component used in the mixture meets individually the requirements of the EU, US, Japanese and Chinese regulations. The mixture is then certified by the FDA under the label D&C Brown n°1 Replacement with a minimum pure dye content of 75% / Chacun des colorants utilisés dans ce mélange répond individuellement aux spécifications des réglementations UE, US, Japon et Chine. Le mélange est ensuite certifié par la FDA en D&C Brown n°1 Replacement avec une teneur minimale en colorant pur de 75%.

3. Supported chemical and physical data / Données physico-chimiques supportées

Appearance / Aspect	Reddish brown powder / Poudre brun rougeâtre
Color in solution / Couleur en solution	Brown / Brun
Water solubility / Solubilité eau	Soluble
Volatile matter (105°C) / Matières volatiles	8% max
Maximum absorption	429 (□4) nm
Fastness to acids / Stabilité aux acides	Good / Bonne
Fastness to alkali / Stabilité aux alcalis	Moderate / Moyenne
Stabilité à la lumière	Good / Bonne
Heavy metals / Métaux lourds	(ppm)
	Lead / Plomb 0 - 10
	Arsenic / Arsenic 0 - 2
	Mercury / Mercure 0 - 1
	Cadmium / Cadmium 0 - 1

4. Suggested uses / Utilisations conseillées

Make-up, skin care, sun care and toiletries products /

0.0005 - 0,5%

Produits de maquillage, de soins, solaires et de toilette

In order to overcome frequent light stability problems occurring in perfume, skin care and toiletry products, the use of **COVABSORB** or **COVABSORB EW** (water soluble version), proprietary blends of organic UV absorbers with outstanding efficacy, is recommended.