Sensient Cosmetic Technologies
www.sensient-cosmetics.com

Unicert Yellow 08005-J (KCW03)

1. Product description / Description du produit

Water soluble dye in compliance with EU, US, Japanese and Chinese cosmetic regulations / Colorant hydrosoluble en conformité avec les réglementations cosmétiques UE, US, Japon et Chine. Trisodium salt of monoazoïc dye / Sel trisodique d'un colorant monoazoïque.

2. Legislation / Réglementation

INCI	Cosmetic	CI 19140
	Hair dye	Acid Yellow 23
FDA name		FD&C Yellow 5
CAS No.		1934-21-0
EC No.		217-699-5

	EUROPE E.C.1223/2009/EC		USA	JAPAN	CHINA	
INCI Name	**CI 19140 *** Cosmetic / Cosmétique Annex IV,44 231/2012/EU : E102	**Acid Yellow 23** Hair dye / Colorant capillaire Annex 3,189 Max conc : 0,5%	**FD&C Yellow 5 **** Meets requirements from 21 cfr 74.2705	**I Yellow 4**	**CI 19140** Cosmetic / Cosmétique Annex 6,44	Hair dye / Colorant capillaire
Pure dye content / Teneur en colorant pur	85% min	No specifications	87% min	85% - 101%	No specifications	Not permitted
Water - insoluble matter / Matières insolubles dans l'eau	0,2% max		0,2% max	0,3% max		
Volatile matter / Matières volatiles	No specifications		13% max (135°C)	10% max (105°C)		
Chlorides and sulfates (as sodium salts) / Chlorures et sulfates (sels de sodium)				6% max		
Unsulfonated primary aromatic amines (as aniline) / Amines aromatiques primaires non sulfonées (Exprimées en aniline)	0,01% max		No specifications	No specifications	0,01% max	
Ether soluble matter / Matières extractibles à l'éther	0,2% max				No specifications	
4-hydrazinobenzene sulfonic acid	0,5% max				0,5% max	
4-aminobenzene-1-sulfonic acid						
5-oxo-1-(4-sulfophenyl)-2-pyrazoline-3-carboxylic acid			0,5% max			
4,4'-diazoaminodi(benzene sulfonic acid)						
Tetrahydroxysuccinic acid			No spécifications			
Sulfonic Acid Sodium Salt	No specifications	0,2% max	0,2% max	No specifications		
Aniline		100 ppb max	100 ppb max			
Benzidine		1 ppb max	1 ppb max			
4-Aminobiphenyl		5 ppb max	5 ppb max			
4-Aminoazobenzene		75 ppb max	75 ppb max			
Azobenzene		40 ppb max	40 ppb max			
1,3-Diphenyltriazene			40 ppb max			
Pyrazolone T ethyl ester ou Ethyl 5-oxo-1-phenyl2-pyrazoline-3-carboxylate		0,2% max	0,1% max			
Pyrazolone T ou 4,5-Dihydro-5-oxo-1-(4sulfophenyl)-1H-pyrazole-3-carboxylic acid		0,2% max	0,2% max			
4,4′-[4,5-Dihydro-5-oxo-4-[(4sulfophenyl)hydrazono]-1H-pyrazol-1,3diyl]bis[benzenesulfonic acid], trisodium salt		No specifications	1% max			
4-[(4′,5-Disulfo[1,1′-biphenyl]-2-yl)hydrazono]-4,5dihydro-5-oxo-1-(4-sulfophenyl)-1H-pyrazole-3carboxylic acid, tetrasodium salt			1% max			
Ethyl or methyl 4,5-dihydro-5-oxo-1-(4sulfophenyl)-4-[(4-sulfophenyl)hydrazono]-1*H*pyrazole-3-carboxylate, disodium salt			1% max			

***** Product type, body parts : allowed in all cosmetics. ** Certified grade ; for coloring generally, including cosmetics intended for use in the area of the eye.
[1] including amendments.

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

Appearance / Aspect		Powder / Poudre
Color in solution / Couleur en solution		Yellow / Jaune
Water solubility / Solubilité eau		Soluble
Maximum absorption		426 (+/-4) nm
Heavy metals / Métaux lourds		(ppm)
	Arsenic / Arsenic	0 - 2
	Lead / Plomb	0 - 2
	Mercury / Mercure	0 - 1
	Cadmium / Cadmium	0 - 1

4. Suggested uses / Utilisations conseillées

Hair care, skin care, and toiletries products / Produits capillaires, de soins, et de toilette	0.0005 - 0,5%

In order to overcome frequent light stability problems occurring in perfume, skin care and toiletry products, we recommend the use of **COVABSORB, COVABSORB EW or COVABSORB DS,** proprietary blends of organic UV absorbers with outstanding efficacy.

Technical information and proposed formulations, including any production procedures are believed to be correct. However, this does not constitute a guarantee of the accuracy of the information contained herein and confirming test in your own plant or laboratory is recommended. While we believe materials supplied by our firm are legal in country use, we do not warrant or guarantee their legality and highly recommend user confer with local health authorities before using.