

UNICERT® VIOLET K7025-J

Formulation Concept

Hair Color

Semi-permanent / temporary hair dyes

High performance Acid Violet 43



High purity grade of Acid Violet 43.
FDA certified as Ext. D&C Violet 2.
Global regulatory compliance.

	EUROPE	USA	JAPAN	CHINA
INCI NAME	Hair dye Acid Violet 43	Ext. Violet 2**	Violet 401 Iib	Hair dye Acid Violet 43 Annex 7/45 : Conc. max : 1%
Pure dye content	Pending SCCS/1494/12 from Feb. 2013	80% min	80% - 101%	80% min
Water - insoluble matter		0,4% max	0,4% max	0,4 % min
Volatile matter		18% max (135°C)	10% max (105°C)	18% max (135°C)
Chlorides and sulfates (as sodium salts)			15% max	
Intermediates, subsidiary colors		1% max	No specification	1% max
1-Hydroxy-9,10-anthracenedione		0,2% max		0,2% max
1,4-Dihydroxy-9,10-anthracenedione		0,2% max		No specification
p-Toluidine		0,1% max		0,1% max
p-Toluidine sulfonic acids	0,2% max	0,2% max		
Total plate count (CFU/g) - Microbiology	100 max – pathogen free			

MAIN BENEFITS

- Global regulatory compliancy
- Excellent affinity to hair
- Improved water solubility
- High Purity grades



WATER SOLUBILITY

According to EU Regulation N°440/2008; method A.6 – OECD 105 (shake flask method):

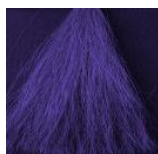
Water Solubility: **4,4- 5,0 g/l** (20°C)

MEDIA	Unicert Violet K7025-J		
Reference	WATER	WATER / ETHYL ALCOHOL	ETHYL ALCOHOL
0,10%	Soluble	Soluble	Soluble
0,20%	Soluble	Soluble	Soluble
0,50%	Soluble	Soluble	Not soluble

INCI NAME

INCI name (EU): Acid Violet 43

INCI name (US): Ext. Violet 2



PROPERTIES

Direct anionic dye.
High water solubility.
Brings violet blue color to hair.

APPLICATIONS

Hair Shading

Ex: Anti-yellowness products for Blond hair & Grey hair

SCT2008 Platinum Shampoo

SCT2009 Platinum Conditioner

Recommended use levels 0,001 – 0,1%



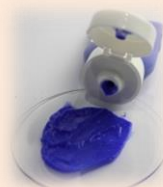
Hair Color

Temporary and semi-permanent application.

TW2000 Crazy Color Cream

Acidic pH conditions and presence of Covafix 123 improve global coloring properties (intensity and shampoo long lasting).

Recommended use levels 0,01– 0,5%



HAIR SHADING				HAIR COLOR	
Platinum Shampoo SCT 2008 0,1% - pH=6,0 – 5 min		Platinum Conditioner SCT 2009 0,05% - pH=4,5 – 5 min		Cream - Indigo TW 2000 0,4% - pH=3,0 – 20 min	
Yak hair	K7025-J	Yak hair	K7025-J	Bleached Blonde Hair	K7025-J

FORMULATION ADVICE

Acid Violet 43 is an anthraquinonic color used in hair dye formulations at a maximum concentration in Europe of 0.5% active dye.

Sensient Cosmetic Technologies offers a wide range of raw materials to formulate hair color products : color protection, fixative agents, chelating agents, thickeners, texturing agents, actives etc... See Hair Color & Care brochure for more informations.

For more details about the products or technical support, please contact our sales department :
FRANCE : 7-9 rue de l'industrie - 95310 Saint Ouen L'Aumône - Phone : 33 1 34 48 57 00 - Fax : 33 1 34 64 44 40
USA : 107 Wade Avenue - South Plainfield - NJ 07080-1311 - Phone : 1 908 757 4500 - Fax : 1 908 757 3170

www.sensient-cosmetics.com - email : contact@sensient-cosmetics.com



Cosmetic dyes

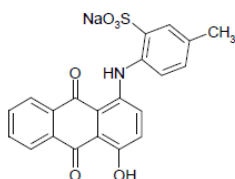
High performance Ext. D&C Violet 2

High purity grade of CI 60730
FDA certified as Ext. D&C Violet 2
Global regulatory compliance

INCI NAME

INCI name (EU): CI 60730

INCI name (US): Ext. Violet 2



REGULATIONS

Globally compliant (US, EU, China and Japan)

PROPERTIES

- High chemical purity
- Easy solubility in water and hydroalcoholic blends
- Less soluble in alcohol based media

WATER SOLUBILITY

According to EU Regulation N°440/2008; method A.6 – OECD 105 (shake flask method):

Water Solubility: **4,4- 5,0 g/l** (20°C)

	EUROPE	USA	JAPAN	CHINA
INCI NAME	Cosmetic Color CI 60730* Annex IV/90	Ext. Violet 2**	Violet 401 Iib	Cosmetic Color CI 60730 Annex 6/90
Pure dye content		80% min	80% - 101%	
Water - insoluble matter		0,4% max	0,4% max	
Volatile matter			10% max (25°C)	No specification
Chlorides and sulfates (as sodium salts)		18% max (35°C)	15% max	
Intermediates, subsidiary colors	No specification	1% max		
1-Hydroxy-9,10-anthracenedione		0,2% max		0,2% max
1,4-Dihydroxy-9,10-anthracenedione		0,2% max	No specification	0,2% max
p-Toluidine		0,1% max		0,1% max
p-Toluidine sulfonic acids		0,2% max		0,2% max
Total plate count (CFU/g) - Microbiology		100 max – pathogen free		

MEDIA	WATER		WATER / ETHYL ALCOHOL		ETHYL ALCOHOL	
	Unicert Violet K7116-J	Unicert Violet K7025-J	Unicert Violet K7116-J	Unicert Violet K7025-J	Unicert Violet K7116-J	Unicert Violet K7025-J
Reference						
0,1%	Soluble		Soluble		Soluble	
0,2%	Partially soluble	Soluble	Soluble		Soluble	
0,5%	Not soluble 	Soluble 	Soluble 		Soluble 	Not soluble

TECHNICAL ADVICES

To introduce the dye into final formulation, proceed in two steps:

- Prepare a mother solution at 0.1-0.5%
- Add the required quantity of mother solution to achieve desired shade

Recommended use levels

0.001 – 0.1 % for **Hair Care**

0.001 – 0.05 % for **Toiletries**

Presence of Covabsorb range products could prevent discoloration.

APPLICATIONS

1- Toiletries

Shampoo

SCT2011 Radiant Purple shampoo



Shower Gel

SCT 2010 Clear Purple Shower Gel



Aquacleanser

TW 872C/2 Aquacleanser

2. Skin Care

Skin care

SCT2019 Radiant morning cream

