

D&C Green No. 8

(a) Identity

The color additive D&C Green No. 8 is principally the trisodium salt of 8-hydroxy-1,3,6-pyrene-trisulfonic acid.

Colour Index Name: Solvent Green 7 **Colour Index No:** 59040 **CAS No:** 6358-69-6
Chemical Formula: C₁₆H₁₇O₁₀S₃Na₃

(b) Specifications

D&C Green No. 8 shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practices:

Purity	: 65 % Min
Volatile matter (at 135 °C)	: 15 % Max
Water-insoluble matter	: 0.2 % Max
Chlorides and sulfates (calculated as sodium salt)	: 20 % Max
The trisodium salt of 1,3,6-pyrenetrisulfonic acid	: 06 % Max
The tetrasodium salt of 1,3,6,8-pyrenetetrasulfonic acid	: 01 % Max
Pyrene	: 0.2 % Max

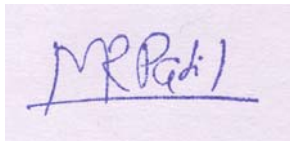
Metals:

Lead (as Pb)	: 20 ppm Max
Arsenic (as As)	: 3 ppm Max
Mercury (as Hg)	: 1 ppm Max

Use Restrictions : Use of this color is limited to **externally applied** (nonmucous membrane) drugs and cosmetics. Amount used may not exceed 0.01% by weight of the finished product.

Shelf Life : Indefinite when stored as recommended (6 years)

Recommended Storage Conditions : Store at room temperature in a dry location. Keep container and inner liner tightly closed.



Mr. M.R. Patil
Q.C. Manager

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