

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001374-01)

Release Date: 29/04/2026

Re-test Date: 28/04/2029

## Sunset Yellow

### Identification

**Chemical Name :**

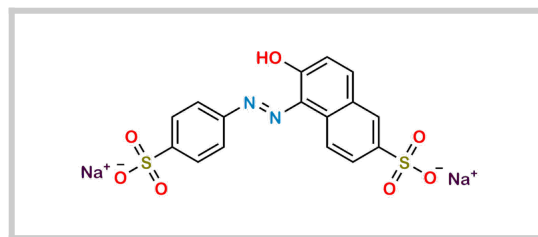
6-Hydroxy-5-[2-(4-sulphophenyl)diazenyl]-2-naphthalenesulfonic Acid Sodium Salt

CAT No. : KMM001374

CAS No. : 2783-94-0

Molecular Formula : C<sub>16</sub>H<sub>10</sub>N<sub>2</sub>O<sub>7</sub>S<sub>2</sub> : 2(Na)

Molecular Weight : 406.4 : 2(23.0)



### Analytical Information

Batch No. : M001374-114-257

Description : Red Solid

HPLC Purity : 97.09 %

Weight Loss By TGA : 5.77 %

% Potency : 91.49 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 5.77(Weight Loss By TGA)] x [97.09(HPLC Purity)]/100 = 91.49 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/04/2026

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA