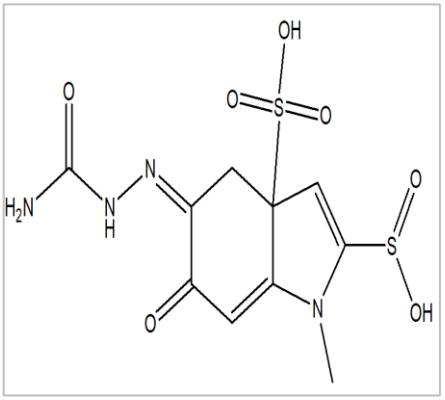
Certificate Of Analysis

Analysis Date: 26-02-2025 **Re-test Date:** 26-02-2028

CARBAZOCHROME IMPURITY 2

Identification

Chemical Name : (Z)-5-(2-Carbamoylhydrazono)-1-methyl-6-oxo-2-sulfino-1,4,5,6-tetrahydro-3aH-indole-3a-sulfonic acid



CAT No : ALL-CAR-8981

CAS No : N.A.

Molecular Formula : C10H12N4O7S2

Molecular Weight : 364.3

Analytical Information

Batch Code	: ALL-CAR-8981	**HPLC Purity**	: 98.02%
Solubility	: METHANOL	**Potency**	: 95.68%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^{0}C	**IR Analysis**	: Confirm
Weight Loss By TGA	: 1.867%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.511 %		

Additional Information

%Potency = [100 -(Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (1.867+ 0.511× 98.02]/100= 95.68%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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