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## CERTIFICATE OF ANALYSIS

Analysis Date:

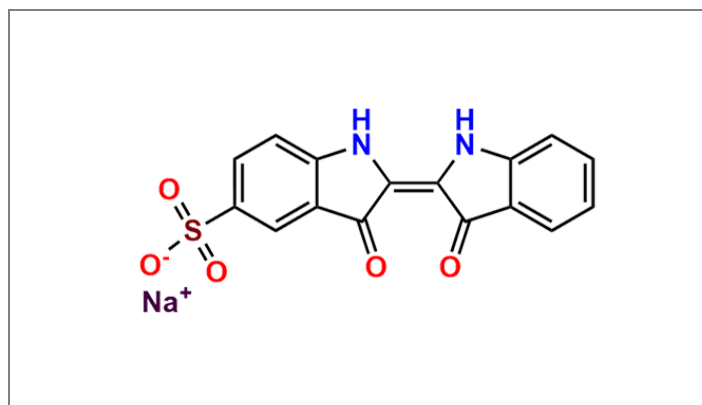
Re-test Date:

**Product Name: Indigo Carmine Impurity 1**

### Identification:

Chemical Name: 3,3'-Dioxo-[2,2'-biindolinylidene]-5-sulfonate sodium salt

Synonyms : NA  
CAS Number : 27414-69-3  
CAT Number : CP-I43006  
Molecular Formula : C<sub>16</sub>H<sub>9</sub>N<sub>2</sub>O<sub>5</sub>S : Na  
Molecular Weight : 341.32 : 22.99



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.