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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

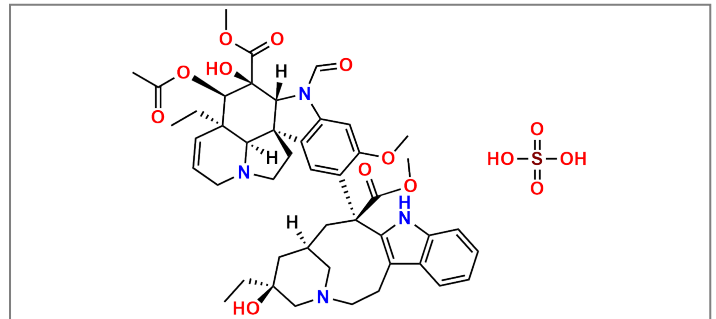
Re-test Date: Mar 2027

**Product Name: Vincristine Sulfate (In House Standard)**

### Identification:

Chemical Name: Methyl (3aR,4R,5S,5aR,10bR,13aR)-4-(acetyloxy)-3a-ethyl-9-[(5S,7R,9S)-5-ethyl-5-hydroxy-9-(methoxycarbonyl)-1,4,5,6,7,8,9,10-octahydro-2H-3,7-methanoazacycloundecino[5,4-b]indol-9-yl]-6-formyl-5-hydroxy-8-methoxy-3a,4,5,5a,6,11,12,13a-octahydro-1H-indolizino[8,1-cd]carbazole-5-carboxylate sulfate (as per EP)

Synonyms : NA  
CAS Number : 2068-78-2  
CAT Number : CP-V34001  
Molecular Formula : C<sub>46</sub>H<sub>56</sub>N<sub>4</sub>O<sub>10</sub> : H<sub>2</sub>SO<sub>4</sub>  
Molecular Weight : 825.0 : 98.1  
Batch Number : CP-VIN-SUL-0424  
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.31%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.