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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

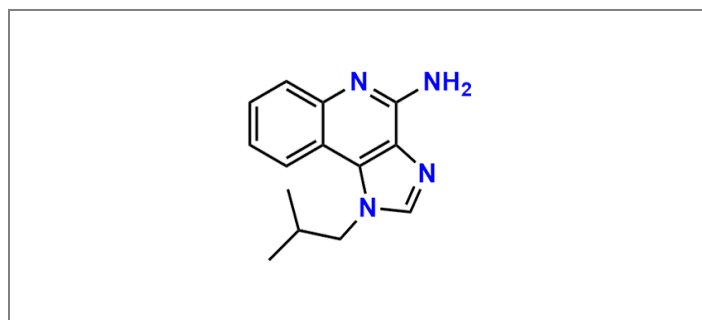
Re-test Date: Jul 2027

**Product Name: Imiquimod (In House Standard)**

### Identification:

Chemical Name: 4-Amino-1-isobutyl-1H-imidazo[4,5-c]quinoline (as per USP)

Synonyms : NA  
CAS Number : 99011-02-6  
CAT Number : CP-I41003  
Molecular Formula : C<sub>14</sub>H<sub>16</sub>N<sub>4</sub>  
Molecular Weight : 240.31  
Batch Number : CP-IMQ-IN-0824



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	99.87%
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.