



Hekmat Medicinal Chemistry Development Co.

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Certificate of Analysis

Product Name: Afatinib Intermediate			
CAS No.	314771-76-1	Test date	2020.09.13
Batch No.	Afa-9906-23	Retest date	2021.09.12
Standard	In-house	Batch weight	10 g

Identification

Test items	Limit	Result
Description	Cream powder	Conforms
Solubility	Freely soluble in DCM Insoluble in Water	Conforms
Minor Afatinib produced	—	2.4%
Individual impurities	NMT 1%	Conforms
Total Impurities	NMT 2%	Conforms
Purity	NLT 98%	100 %
Optical rotation	+26-+27	+26.5

Conclusion: Conforms to In-house standard

Storage: Keep in dry and closed container

Reported by: Sara Arjomandi

Approved by: Mohammadreza Mirzazhekmati



شرکت توسعه شیمی دارویی حکمت
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