

Registered Office:

**Anjaneey Enterprise**

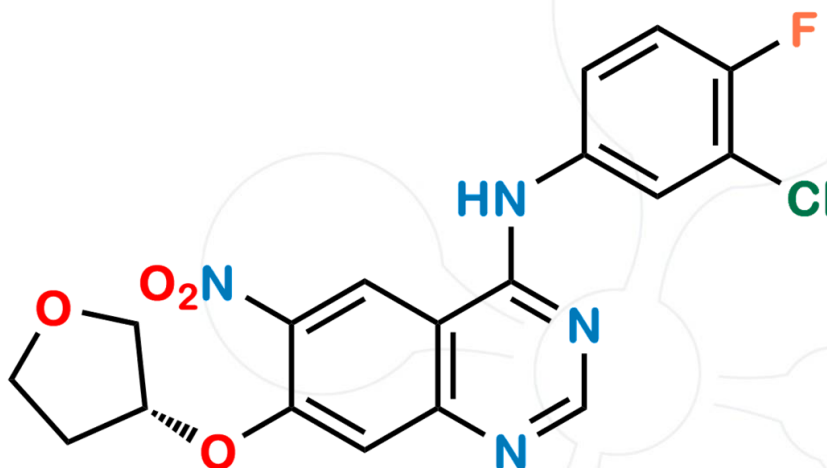
GF-03, Akshay Apartment, Vishvakunj Cross Road, Paldi,  
Ahmedabad - 380007, Gujarat, India

## CERTIFICATE OF ANALYSIS

### Afatinib Impurity A

#### Identification

Product Name	: Afatinib Impurity A
Chemical Name	: (R)-N-(3-chloro-4-fluorophenyl)-6-nitro-7-((tetrahydrofuran-3-yl)oxy)quinazolin-4-amine
CAS No.	: 402855-07-6
Molecular Formula	: C <sub>18</sub> H <sub>14</sub> ClFN <sub>4</sub> O <sub>4</sub>
Molecular Weight	: 404.79
Structure	:



#### Analytical Information

Appearance of Product	: Yellow Solid
Solubility	: ACN:H <sub>2</sub> O(8:2)
Long Term Storage	: 2° 8° C for long term storage
HPLC Purity	: 99.65 %
Weight Loss By TGA	: 1.20 %