









Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs, Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Re-test Date:

Product Name: N6-(2-Carboxyethyl) Ibrutinib

Identification:

 $Chemical\ Name:\ (R)-1-(3-(4-(2-Carboxyethyl)amino-3-(4-phenoxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl) piperidin-1-yl pyrazolo[3,4-d]pyrimidin-1-yl) piperidin-1-yl pyrazolo[3,4-d]pyrimidin-1-yl pyrazolo[3,4-d]pyr$

yl)prop-2-en-1-one

Synonyms : NA

CAS Number : NA

CAT Number : CP-I20011

Molecular Formula : C28H28N6O4

Molecular Weight : 512.57

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

211000

Ms Priyanka Salunkhe (Manager QC Analytical) **Approved By**

gagare

Ms Rohini Gagare (QA Head)

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