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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Pyraclonil Impurity 18

Identification:

Chemical Name: 4-(5-amino-4\'-chloro-4-cyano-1\'H-[1,3\'-bipyrazol]-5\'-yl)-3-hydroxybutanoic acid

| Synonyms | : NA |
|-------------------|----------------|
| CAS Number | : NA |
| CAT Number | : CP-P297002 |
| Molecular Formula | : C11H11CIN6O3 |
| Molecular Weight | : 310.7 |

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

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.