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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Carfilzomib Impurity 34

Identification:

Chemical Name: 4-Amino-1,2-anhydro-4,5,6,7-tetradeoxy-5-methyl-2-C-methyl-L-ribo-3-heptulose 2,2,2-Trifluoroacetate

| Synonyms | : NA | |
|-------------------|----------------------|--|
| CAS Number | : 1800500-63-3 | |
| CAT Number | : CP-C153031 | ОЦ |
| Molecular Formula | : C9H17NO2 : C2HF3O2 | |
| Molecular Weight | : 171.2 : 114.02 | $\dot{O} \rightarrow \bar{N}H_2$ \dot{F} |
| | | |
| | | |

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 |



Ms Priyanka Salunkhe (Manager QC Analytical)

Prepared and Reviewed By

Approved By

Ms Rohini Gagare (QA Head)

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