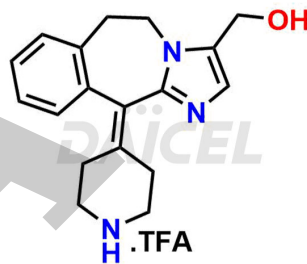


ISO 9001:2015 CERTIFIED

CERTIFICATE OF ANALYSIS

| | | | |
|-----------------------|---|---|--|
| Product Name | Alcaftadine Metabolite-7 (R087010) | | |
| Molecular Formula | C ₂₀ H ₂₁ F ₃ N ₃ O ₂ (TFA Salt) C ₁₈ H ₂₁ N ₃ O (Free base) |  | |
| Molecular Weight | 392.4 (TFA Salt) 295.39 (Free base) | | |
| Batch Number | XX | | |
| Batch Quantity | XX | | |
| Date of Manufacturing | XX | | |
| Date of Analysis | XX | | |
| Next Retest Date | XX | | |
| Catalogue Number | DCTI-A-254 | | |
| CAS Number | NA | | |
| COA Number | XX | | |
| IUPAC Name | (11-(piperidin-4-ylidene)-6, 11-dihydro-5H-benzo[d]imidazo[1, 2-a]azepin-3-yl)methanol TFA Salt | | |
| Storage and Handling | 2-8 oC | | |

| S. No | * Test | Result |
|-------|---|--------|
| | Description | |
| 1. | Identification i) By IR ii) By NMR iii) By MS | -- |
| 2. | Chromatographic Purity (% by HPLC) | -- |

Remarks: *Test or tests as mentioned above may vary as per the product nature or customer's requirement

| | | | | |
|-----------------|--------------------|--------------------|--------------------|--------------------|
| Function | Compiled by | Reviewed by | Reviewed by | Approved by |
|-----------------|--------------------|--------------------|--------------------|--------------------|

| | | | | |
|----------------------|---------------------|---------------------|-------------------|-------------------|
| Name | xxx | xxx | xxx | xxx |
| Department | Pharma Standards QC | Pharma Standards QC | Quality Assurance | Quality Assurance |
| Sign and <u>Date</u> | | | | |

| | |
|-------------------|---|
| Attachments | IR, NMR, MS spectra, HPLC Chromatogram. |
| Date of Shipment: | DD-MMM-YYYY |

CIN: U24100TG2008PTC058509

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COA