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## DTC\_S020098\_PF\_N\_SPE\_50520\_EN\_3.0 1/2 SPECIFICATIONS OF THE DRUG PRODUCT

| Tests  | Release specifications   | Shelf-life specifications  |
|--|--|--|
| Appearance   | Orange-yellow, oblong, film-coated tablets   | Orange-yellow, oblong, film-coated tablets   |
| Identification of drug substance<br>.Liquid chromatography<br>.Thin-layer chromatography                     | The ratio of the retention times of the drug substance peak from the test solution and from the reference solution must be between 0.97 and 1.03.<br>Main spot identical in position, colour and size for test and reference | The ratio of the retention times of the drug substance peak from the test solution and from the reference solution must be between 0.97 and 1.03.<br>Main spot identical in position, colour and size for test and reference |
| Average mass (mg)  | 127.8 to 150.2 (95 % to 105 % of theoretical mass of 134.5mg)  | 127.8 to 150.2 (95 % to 105 % of theoretical mass of 134.5mg)  |
| Microbiological quality (skip testing according to European Pharmacopoeia(5.1.4., preparations for oral use) | Total aerobic microbial count (TAMC): ■1000CFU/g<br>.Total combined yeasts/moulds count (TYMC):<br>■100CFU/g<br>.Escherichia Coli: absence/1g  | .Total aerobic microbial count (TAMC): ■1000CFU/g<br>.Total combined yeasts/moulds count (TYMC):<br>■100CFU/g<br>.Escherichia Coli: absence/1g   |

DTC\_S020098\_PF\_N\_SPE\_50520\_EN\_3.0 2/2 Tests (cont'd) Release specifications (cont'd)  
 Shelf-life specifications (cont'd)

| Tests (cont'd)   | Release specifications (cont'd)                         |               |   | Shelf-life specifications (cont'd)                      |               |   |
|--|---|---------------|---|---|---------------|---|
| Drug substance content (LC) (mg/tablet)  | 23.75 to 26.25 (95% to 105% of the theoretical content) |               |   | 23.75 to 26.25 (95% to 105% of the theoretical content) |               |   |
| Degradation products (LC) (% m/m):<br>.individual content of any degradation product<br>.total content of degradation products | <b>■</b> 0.2%<br><b>■</b> 0.5%                          |               |   | <b>■</b> 0.2%<br><b>■</b> 0.5%                          |               |   |
| Uniformity of content (LC) (%/label claim)   | Stage   | Number tested | Acceptance criteria   | Stage   | Number tested | Acceptance criteria   |
|  | S1  | 10            | AV <b>■</b> 15.0%   | S1  | 10            | AV <b>■</b> 15.0%   |
|  | S21   | + 20 (30)     | AV <b>■</b> 15.0%<br>0.75 M <b>■</b> each unit <b>■</b> 1.25 M                            | S21   | + 20 (30)     | AV <b>■</b> 15.0%<br>0.75 M <b>■</b> each unit <b>■</b> 1.25 M                            |
| Kinetics of dissolution (UV) (%)   | Q = 80% at 45 min                                       |               |   | Q = 80% at 45 min                                       |               |   |
|  | Stage   | Number tested | Acceptance criteria   | Stage   | Number tested | Acceptance criteria   |
|  | S1  | 6             | Each unit is not less than 85%.   | S1  | 6             | Each unit is not less than 85%.   |
|  | S22   | + 6 (12)      | Average of 12 units (S1+S2) is equal to or greater than 80% and no unit is less than 65%. | S22   | + 6 (12)      | Average of 12 units (S1+S2) is equal to or greater than 80% and no unit is less than 65%. |