



## SPECIFICATION

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**BRAND NAME** : ZONqs-134  
**PRODUCT NAME** : BISMUTH CITRATE USP 43/NF 38

| TESTS                                                                 | REQUIREMENTS                                                                                 |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Description                                                           | White, amorphous or crystalline powder                                                       |
| Solubility                                                            | Soluble in ammonia TS and in solutions of alkali citrates; insoluble in water and in alcohol |
| Identification<br>A: IR<br>B: Chemical testing<br>C: Limit of nitrate | A. Should comply<br>B. Solution produces a white turbidity<br>C. Should comply               |
| Limit of Arsenic                                                      | NMT 10 ug/g                                                                                  |
| Limit of Nitrate                                                      | Should complies                                                                              |
| Limit of Copper                                                       | NMT 10 ug/g                                                                                  |
| Limit of Lead                                                         | NMT 10 ug/g                                                                                  |
| Limit of Silver                                                       | NMT 10 ug/g /g                                                                               |
| Limit of soluble Bismuth                                              | NMT 40 ppm                                                                                   |
| Assay (Content of Bismuth)                                            | 49% - 54% of bismuth                                                                         |