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TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : OXYTETRACYCLINE HCL
SHELF LIFE : FOUR YEARS SUBJECT TO CORRECT STORAGE

| Test | Specification | Result |
|---------------------------|--|----------------------------|
| Description | Yellow crystalline powder | Complies |
| Identification | According to BP2001 | Complies |
| pH value | 2.3 – 2.9 | 2.50 |
| Specific optical rotation | -188° to -200° | -188.6° |
| Absorbance (353nm, PH2.0) | 270 – 290 | 270.0 |
| Light absorbing impurity | Absorbance at 430nm, Absorbance at 490nm, | <0.50 0.272 <0.20 0.108 |
| Related substances | Content of impurity peak Meets requirements | Complies |
| Heavy metals | ≤50ppm | ≤50ppm |
| Sulphated ash | ≤0.5% | 0.07% |
| Water | ≤2.0% | 1.33% |
| HPLC assay | 95.0% - 102.0% | 96.2% |

Conclusion: This product conforms to BP