

## Charm® Antibiotic Milk Standards for Proficiency Testing

Charm Sciences is pleased to offer several different antibiotic standards to meet the needs of contract lab analysis, proficiency testing programs, internal quality control or method validation, and/or compliance audits. Charm antibiotic standards are made from USP™ (U.S. Pharmacopeia) Reference Standards and are freeze dried for accurate and stable results. These standards are designed to be used for milk analysis and can be reconstituted with known/qualified negative raw milk.



Penicillin G and Cloxacillin Standards

### ANTIBIOTIC STANDARDS OVERVIEW

- ▶ Standards provided with valid Certificate of Analysis
- ▶ Manufactured from USP Reference Standards
- ▶ Can be used as part of an “unknown” proficiency program
- ▶ Reconstituted with known/qualified raw milk as qualified by the end user
- ▶ Standards are stable refrigerated for 48 hours after reconstitution
- ▶ Primary use for validation of rapid antibiotic methods or inhibition milk tests

### AVAILABLE STANDARDS

| Standard                        | Concentration (ppb) |
|---------------------------------|---------------------|
| Penicillin G                    | 4 or 5              |
| Cloxacillin                     | 10,000              |
| Ceftiofur Metabolite*           | 100                 |
| Chloramphenicol                 | 10                  |
| Gentamicin                      | 5000                |
| Sulfamethazine                  | 10                  |
| Sulfamethazine/Sulfadimethoxine | 10 ppb of each drug |
| Oxytetracycline                 | 100                 |
| Unknown Standards               | set of 4 standards  |
| Enrofloxacin                    | 10                  |
| Streptomycin                    | 100                 |

\*Not Manufactured from USP Reference Standard



Charm Sciences Proficiency Standards

If interested in obtaining a drug standard not listed above, please contact Charm Sciences at [info@charm.com](mailto:info@charm.com)

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