

Annex 1- Antibiotic disc concentrations used in Northern Ireland for AST of *Salmonella* spp isolates

In Northern Ireland, an accredited CLSI method is used for testing and interpreting zones of inhibition (see table below). However, in Northern Ireland, *Salmonella* spp. isolates are also tested for *Furazolidone, *Framycetin, *Apramycin and *Spectinomycin using in-house break points (asterisked in table 1 below.)

Table 1 Antibiotic disc concentrations used in Northern Ireland

Expected Zone diameter (mm)

| Antibiotic | Disc | Resistant | Intermediate | Susceptible |
|---------------------------------|-------------|------------------|------------------------|--------------------|
| Ampicillin | AMP10 | <=13 | 14-16 | >=17 |
| Chloramphenicol | C30 | <=12 | 13-17 | >=18 |
| Gentamicin | CN10 | <=12 | 13-14 | >=15 |
| Kanamycin | K30 | <=13 | 14-17 | >=18 |
| Streptomycin | S10 | <=11 | 12-14 | >=15 |
| Sulphonamides | S3.300 | <=12 | 13-16 | >=17 |
| Tetracycline | TE30 | <=11 | 12-14 | >=15 |
| Trimethoprim | W5 | <=10 | 11-15 | >=16 |
| Furazolidone* | FR100 | <=13 | Not available 14-16 | >=17 |
| Naladixic acid | NA30 | <=13 | 14-18 | >=19 |
| Ciprofloxacin | CIP5 | <=15 | 16-20 | >=21 |
| Cefotaxime | CTX30 | <=22 | 23-25 | >=26 |
| Ceftazidime | CAZ30 | <=17 | 18-20 | >=21 |
| Amoxicillin /Clavulanic acid | AMC30 | <=13 | 14-17 | >=18 |
| Framycetin* | FY100 | <=13 | Not available 14-17 | >=18 |
| Apramycin* | APR15 | <=11 | Not available 12-13 | >=14 |
| Spectinomycin* | SH100 | <=11 | Not available 12-13 | >=14 |