

Leicestershire and Staffordshire Scientific Services

Microbiological Guidelines and Standards for Drinking Waters

| Type of Water | Parameters | Guide Level | Target Level |
|----------------------------------|--|-------------|---|
| Private Supplies | | | |
| Classes A to E and 1 to 4 | Coliforms/E.coli Colony counts at 22°C and 37°C | 0 per 100ml | No significant increase over normal levels* ^a No organism detrimental to public health |
| Class F | Coliforms/E.coli | 0 per 100ml | No significant increase over normal levels* ^a No organism detrimental to public health |

| Type of Water | Parameters | Guide Level | Target Level |
|---|--|---|---|
| Natural Mineral Water | | | |
| Sampled and supplied any time up to sale | Coliforms/E.coli Enterococci Pseudomonas aeruginosa Sulphite reducing clostridia Parasites/pathogens | 0 per 250ml 0 per 250ml 0 per 250ml 0 per 50ml Absent | No significant increase over normal levels* ^a No organism detrimental to public health |
| Within 12h of bottling | AS above plus colony count at 22°C/72 h Colony count at 37°C/48h | 100 per ml 20 per ml | No significant increase over normal levels* ^a No organism detrimental to public health |

note a) For colony counts on drinking waters some of our customers use guideline levels of <10 colonies/ml at 37°C and <100 colonies/ml at 22°C

Tel 0116 305 5640

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| Type of Water | Parameters | Guide Level | Target Level |
|-------------------------------------|---|---|--------------|
| Drinking Water in Containers | | | |
| at any time | Coliforms/E.coli | 0 per 100ml | |
| | Enterococci | 0 per 100ml | |
| | Pseudomonas aeruginosa | 0 per 100ml | |
| | Sulphite reducing clostridia | 0 per 20ml | |
| | Colony counts at 22°C and 37°C | Should show no appreciable increase after boiling | |
| Within 12h of bottling | AS above plus colony count at 22°C/72 h | 100 per ml | 20 per ml |
| | Colony count at 37°C/48h | 20 per ml | 5 per ml |
| Vending machines | Coliforms/E.coli | <10 per ml | |

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