

# Certificate of Analysis

## Client

E&O Laboratories Ltd  
Burnhouse  
Bonnybridge  
Scotland  
FK4 2HH



Burnhouse, Bonnybridge  
Scotland, FK4 2HH  
Telephone: 01324 840404  
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Email: info@eolabs.com

**Sample:** BM0020 - Alkaline Peptone Water  
**Batch Number:** 04077871  
**Expiry Date:** 2019-03-13  
**Date Received:** 2018-09-13  
**Date Tested:** 2018-09-13  
**Sample Condition:** Satisfactory  
**Sample Number:** 342246

### Accredited Test Method: See table below

Productivity	Result	Colonial Appearance	Colonial Appearance Specification
Vibrio parahaemolyticus NCTC 10885	Growth	Green colonies	Green colonies
Vibrio furnissii NCTC 11218	Growth	Yellow colonies	Yellow colonies

**For solid media the RGI is a calculation of the % growth on the test media compared with the growth on a control media. The test medium must achieve an RGI between 70-120% for non-selective media /  $\geq 50\%$  for selective media. For liquid media growth is determined from a subculture of the test broth inoculated with 10 - 100 cfu of the target organism.**

Physical	Result	Specifications	Accredited Test Method
Sterility	Conforms	Within acceptable limits	ED/SOP/005 Visual check and growth assessment following incubation for 3 days at 15-25°C and 37°C
Sterility sampling is performed in accordance with ISO 2859-1:1999. The inspection level is $\geq 0.4\%$ of the batch and the reject level $\leq 7$ units depending on batch size.			
pH	8.8	8.6 +/- 0.2	ED/SOP/003 measurement by pH meter
Colour	Conforms	DE2-8C - DE2-9C Pale Straw	ED/SOP/009 by visual observation. Range measured using Pantone® 4 colour process guide
Fill Quantity	Conforms	1000ml +/- 0.3	ED/SOP/054 by gravimetric determination

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### Accredited Test Method for Solid Media

ED/SOP/008 Quantitative evaluation  
using spread inoculum technique

### Accredited Test Method for Liquid Media

ED/SOP/008 Semi quantitative  
inoculation with growth assessment from  
subculture

### Accredited Test Method for Diluents

ED/SOP/008 Semi quantitative  
evaluation of viability maintenance  
after a holding time of 45 minutes

All of the results on this certificate of analysis relate only to the samples submitted.



Douglas Cameron  
Technical Manager, E&O Diagnostics Ltd