

**Appendix 1.0** General solutions, culture media, DNA extraction solutions, Oligonucleotides primer, PCR reagents, agarose gel, solutions for electrophoresis and commercial kits used.

### **A. General solutions**

Artificial seawater – 20 g of Salt Mix (Brand: Crystal Sea® Marinemix) + 1 litre of sterile water

### **B. Culture media**

1. Corn Meal Agar/Seawater (CMA/SW) (Brand: Oxoid)

17g of CMA powder + 1 L of filtered artificial seawater

2. GYP Broth

10 g/L glucose, 10 g/L yeast extract, 5 g/L peptone + 1 L of filtered artificial seawater

### **C. Commercial Kits**

1. DNA Extraction Kit (Brand: QIAGEN - DNeasy Plant Mini Kit)
2. Purification Kit (Brand: MACHEREY-NAGEL – NucleoSpin® Extract II)

### **D. Oligonucleotides primer**

ITS 4 – TCCTCCGCTTATTGATATGC (T<sub>m</sub>: 53)

ITS 5 – GGAAGTAAAAGTCGTAACAAGG (T<sub>m</sub>: {69})

### **E. PCR Reagents**

Brand: Promega (Taq DNA polymerase, dNTPs, MgCl<sub>2</sub> and reaction buffers)

### **F. Agarose gel.**

4g agarose (Brand: UltraPure™) to 400mL TAE (Tris-acetate-EDTA) buffer.

SYBRsafe stain were added (0.1μL per lane) to loading dye (3μL per lane)