

Table 1S. Purification of Palm Peroxidase from Roystonea regia leaves

Purification Step	Enzyme Activity (U/mL)	Volume (mL)	Protein Concentration (mg/mL)	Enzyme Activity (U)	Protein mass (mg)	Specific Activity (U/mg)	Yield (%)	Purification fold
Vegetable Soluble Extract	40.7	200	0.19	8140.0	38.0	214.2	100	1
Ammonium sulphate/PEG Precipitation	79.9	100	0.24	7990.0	24.0	332.9	98.2	1.55
Ultrafiltration (MW 30 kD)	102.7	46	0.30	4724.2	13.8	342.3	58.0	1.60

PEROXIDASE



200
150
120
100
85
70
60
50
40
30

Figure 4-S

Figure 5-S