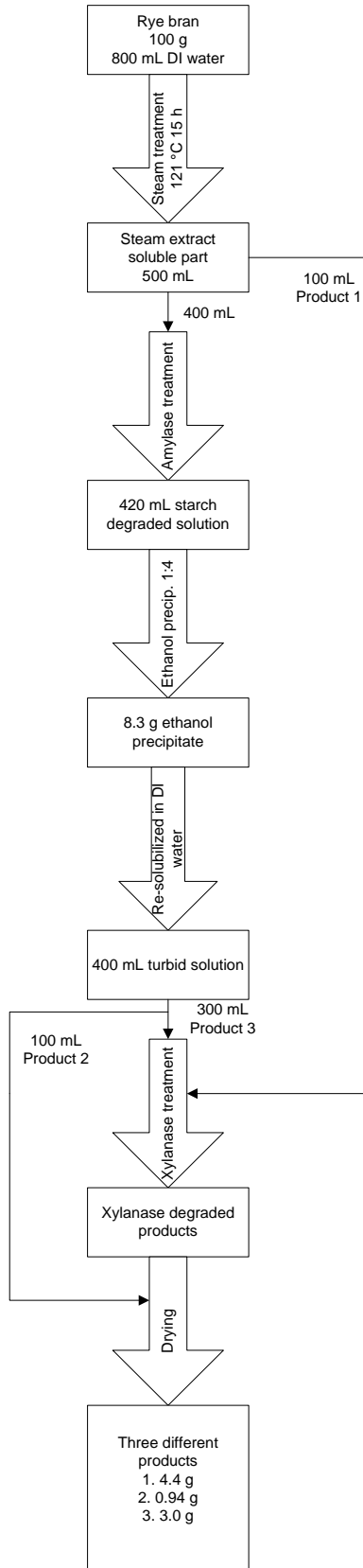
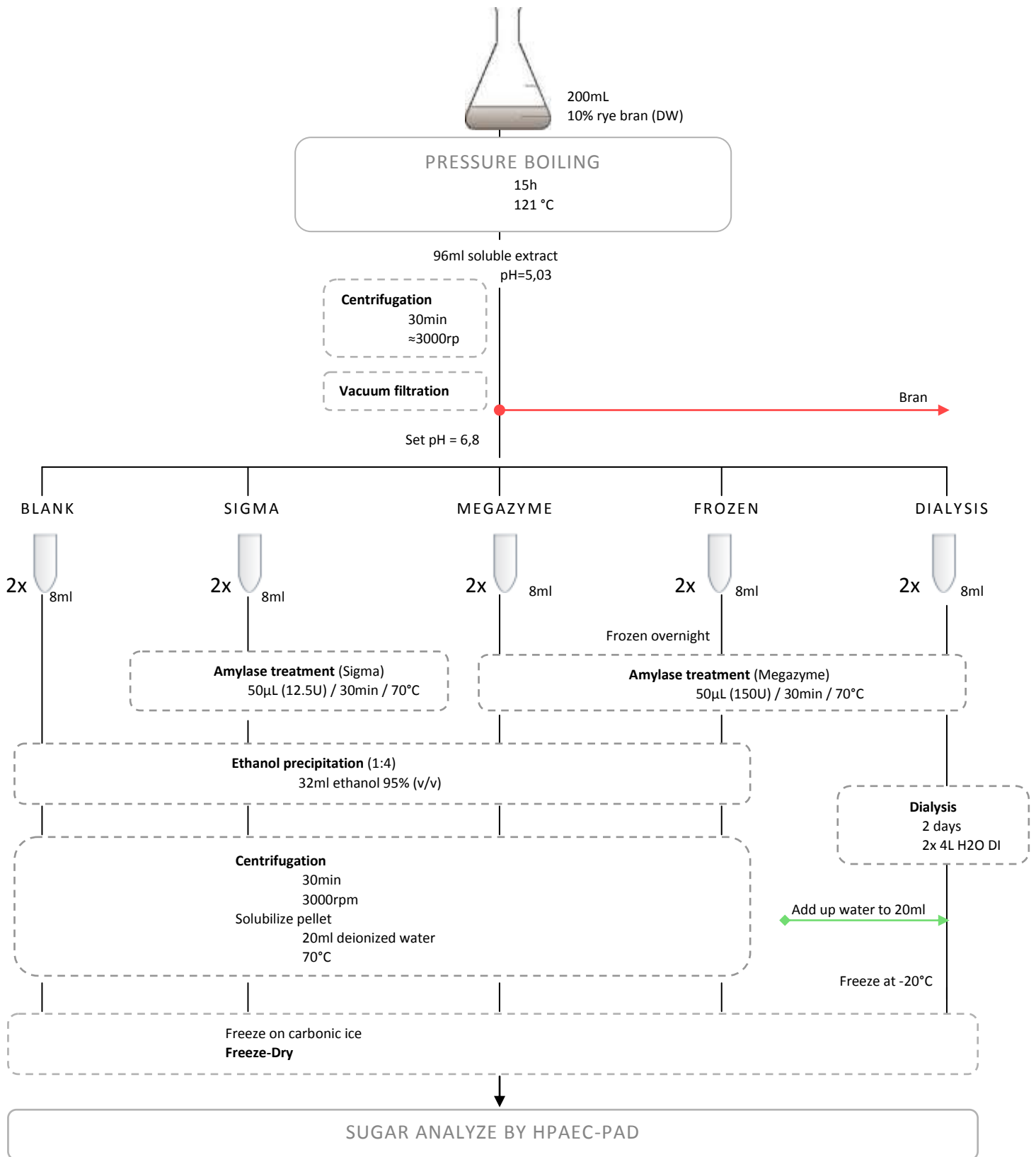


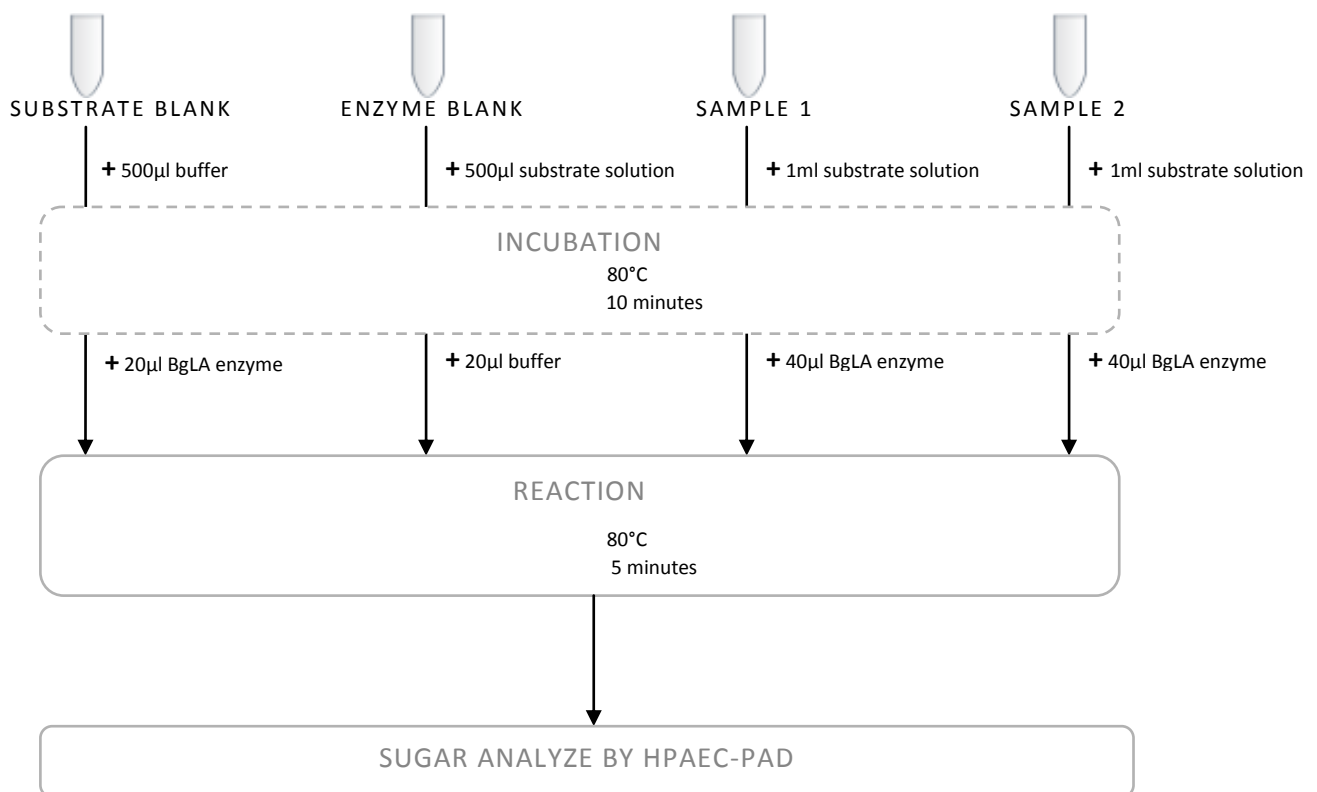
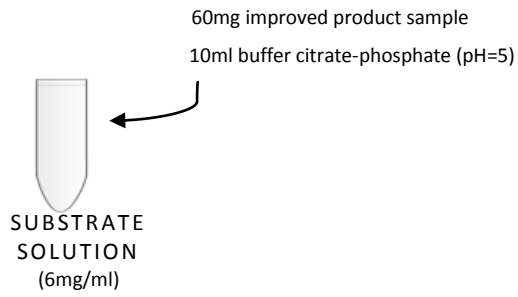
INITIAL METHOD



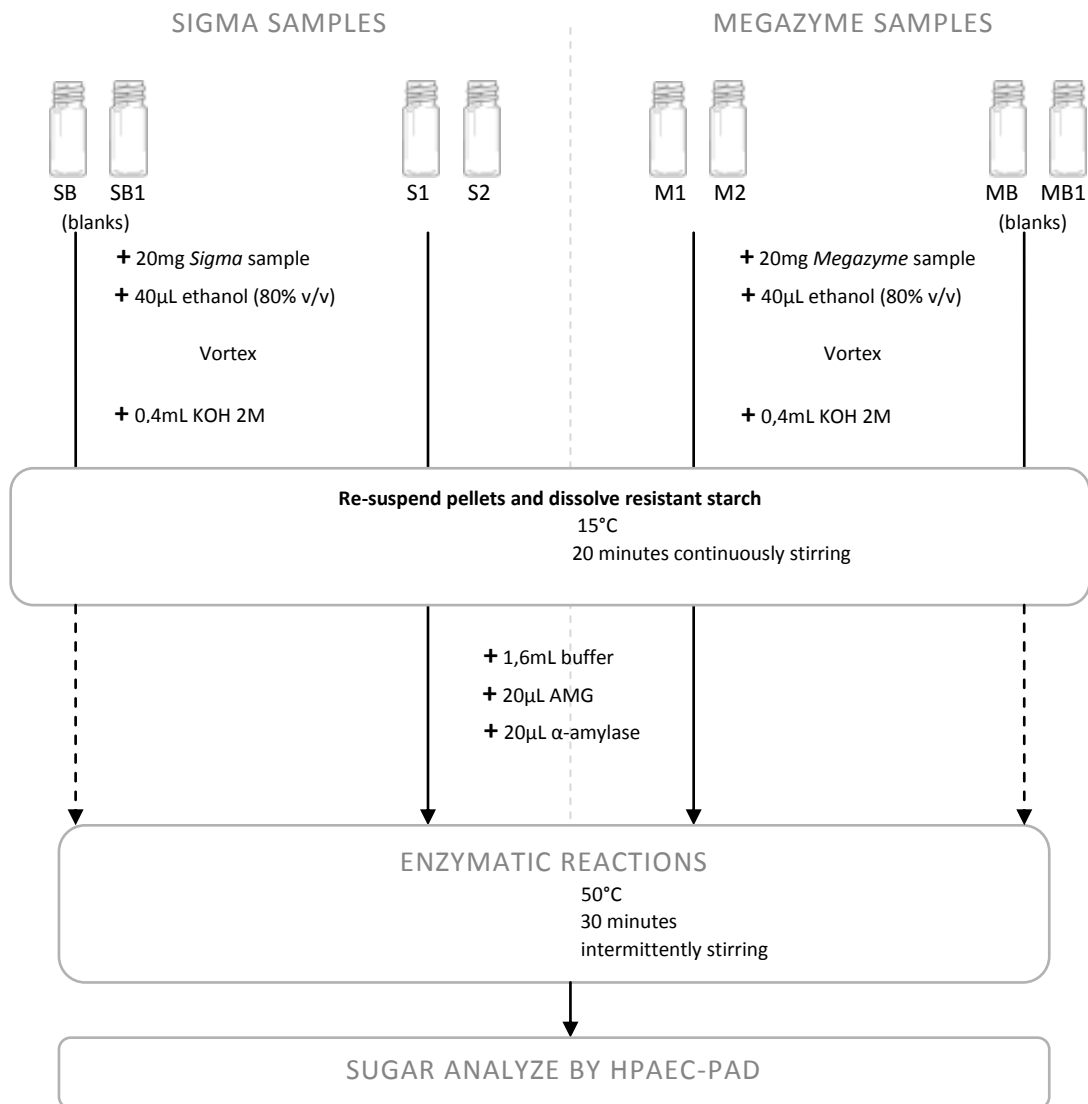
INITIAL METHOD AND IMPROVEMENTS



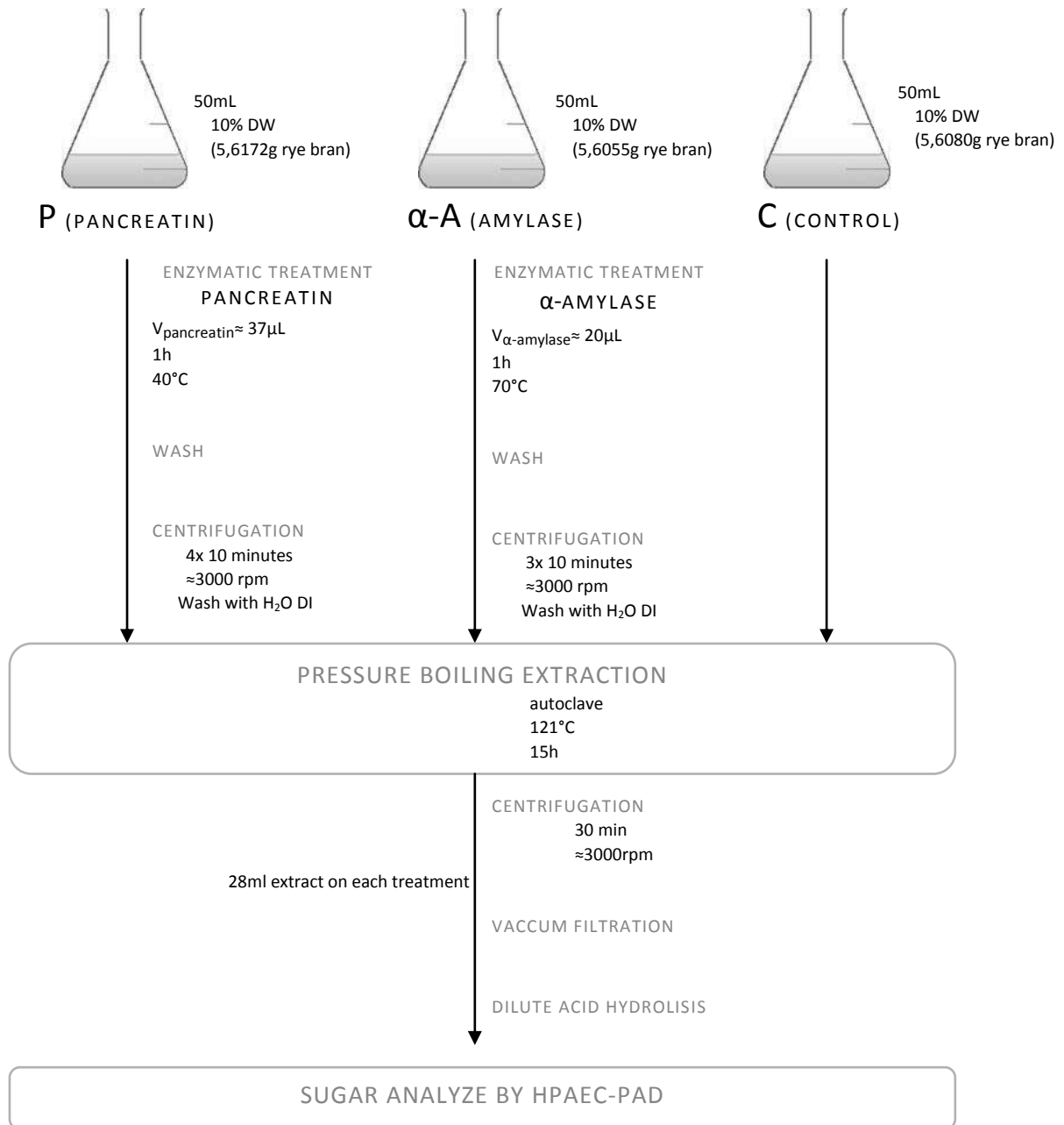
BETA-GLUCAN ASSAY



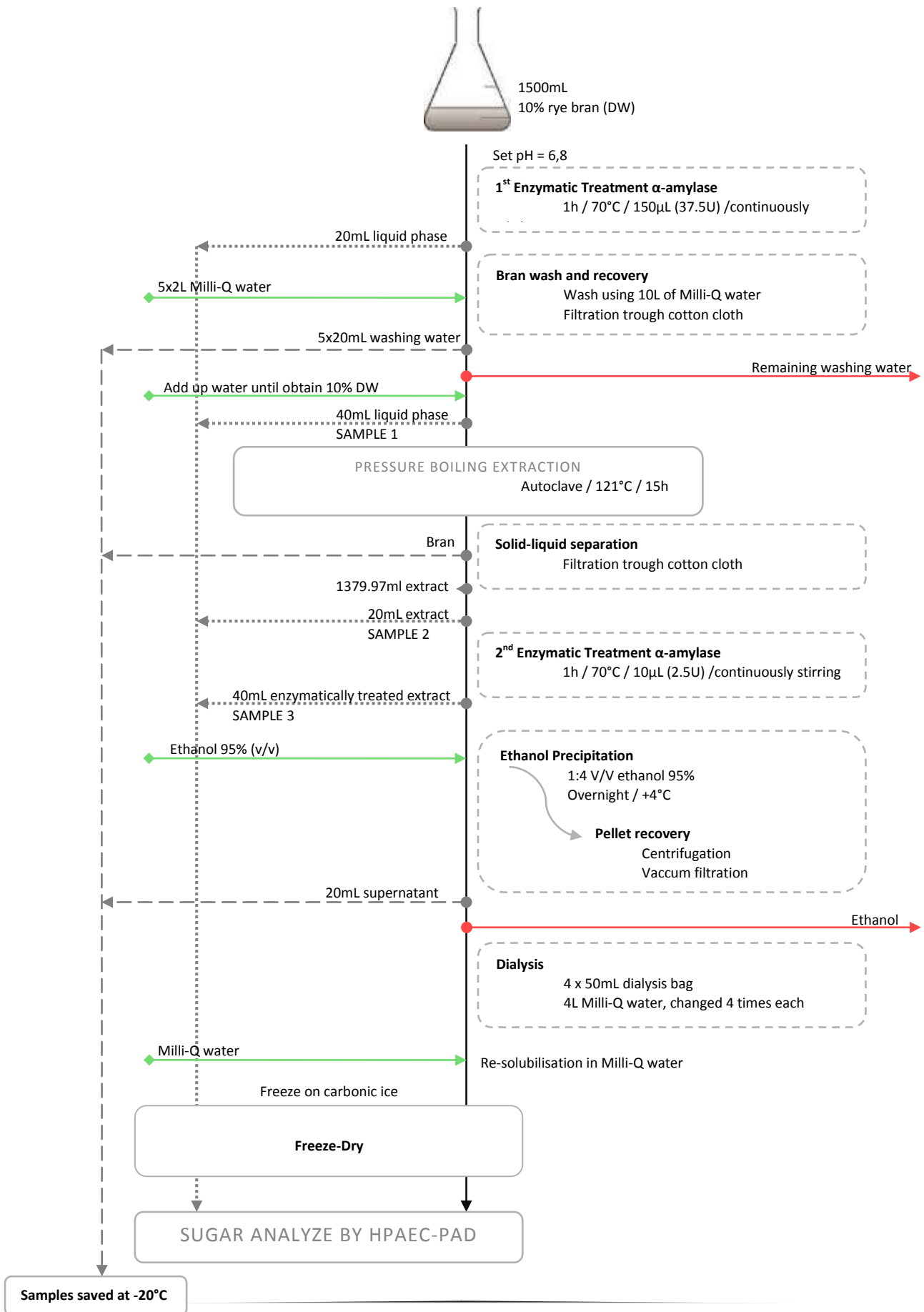
TOTAL STARCH ASSAY



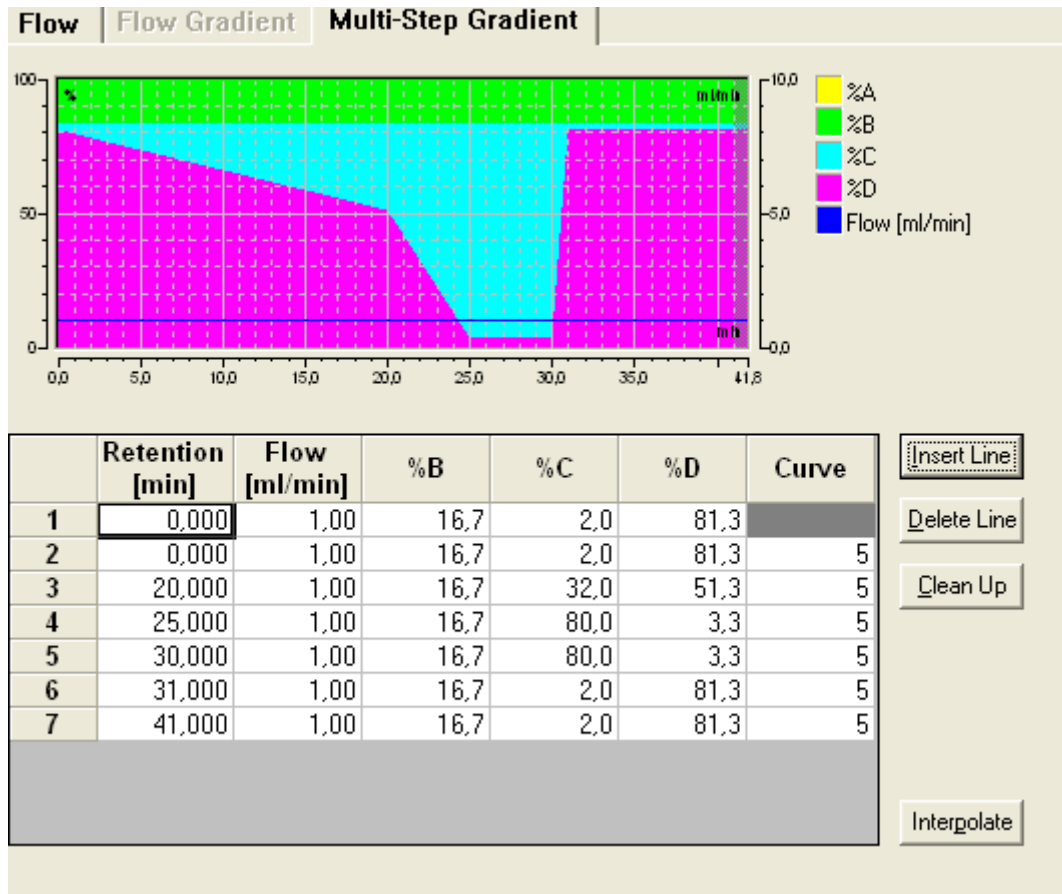
PRE-TREATMENT



SCALE-UP PROCESS



ANALYSIS



Flow | **Flow Gradient** | **Multi-Step Gradient**

Gradient Type:

Solvents

Name	Type	Start	End
%A: %1mM NaOH			
%B: %600mM NaOH		0,0 %	100,0 %
%C: %500mM NaAc		0,0 %	0,0 %
%D: %H2O		0,0 %	0,0 %

Pressure Limits

Lower Limit: [0...3500 psi]

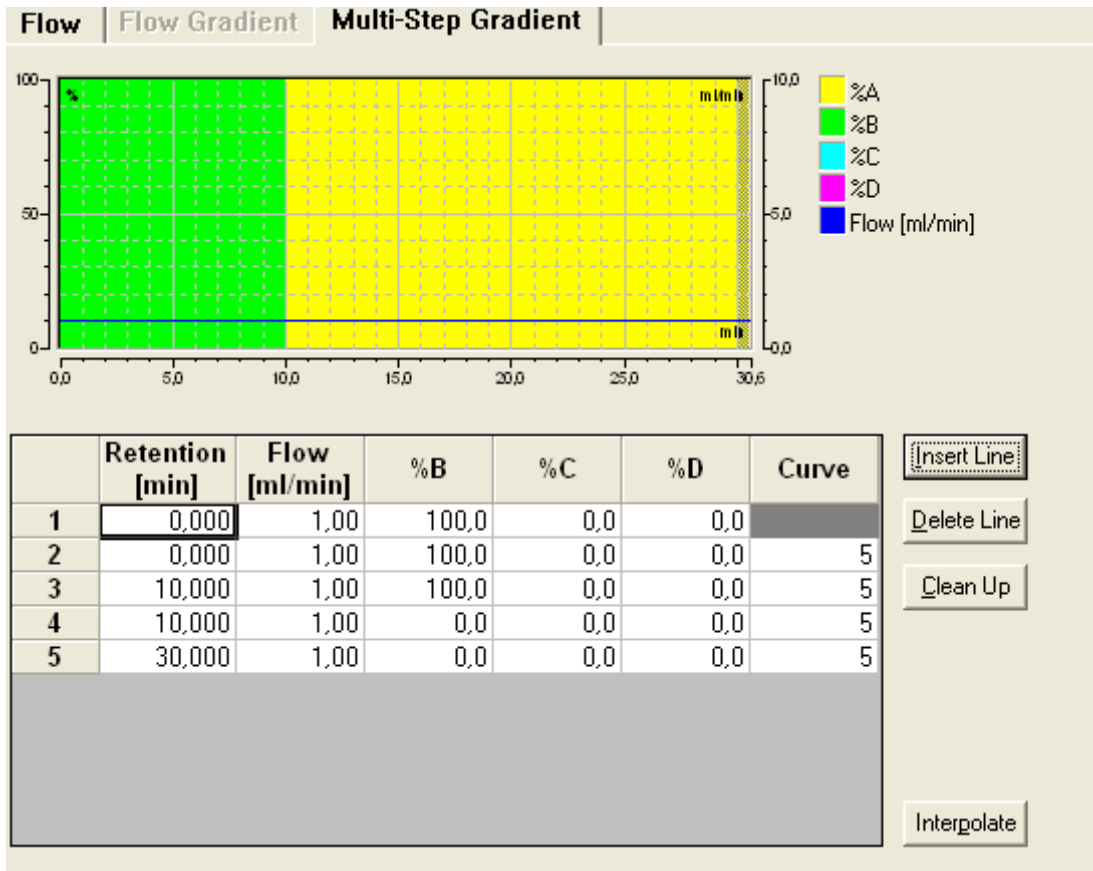
Upper Limit: [0...3500 psi]

Column Flow

Start: [0,00...10,00 ml/min]

End: [0,00...10,00 ml/min]

WASH



Flow | **Flow Gradient** | **Multi-Step Gradient**

Gradient Type: **Multi-Step Gradient**

Solvents

Name	Type	Start	End
%A: %A			
%B: %600mMNaOH		100,0 %	0,0 %
%C: %C		0,0 %	0,0 %
%D: %H2O		0,0 %	0,0 %

Pressure Limits

Lower Limit: 20 [0...3500 psi]
Upper Limit: 3500 [0...3500 psi]

Column Flow

Start: 1,00 [0,00...10,00 ml/min]
End: 1,00 [0,00...10,00 ml/min]