

PROTOFINE OPTIMISATION

MATERIALS



PROTOFINE
liquid

+



Beer to be
tested (taken
before rack)

+



100ml glass bottles
+ caps

+



1ml and 2ml
syringe

+



Measuring jug

+



Measuring
cylinder



Make sure you are wearing
proper safety equipment
including goggles and gloves



1

Make up of PROTOFINE powder.

Add 5.4g of powder slowly to 100mls of water shaking after each addition. When all powder is added shake thoroughly until all powder is dissolved.

Note: It is recommended to refrigerate for 10-20 min after mixing, to allow for complete dissolution, before proceeding with the optimisation steps.



2

Label the bottles and dose a range

of rates with PROTOFINE liquid
0.1ml /100ml = 100mls/hl

Note: Recommended dose rates
range from 100 - 600mls/hl



3

Measure 100ml of beer.

Pour a small amount of beer into the
bottle. Shake well, pour in remainder.



4

Cap bottles and shake well.



5

Refrigerate at beer storage temperature.

Assess for flocculation speed and
clarity at 1 hr.



6

Return samples to Assess for Clarity

(visual scoring 1-5, or haze meter and
sediment at 24 hrs).