

Lab Based testing vs Instant Answer testing

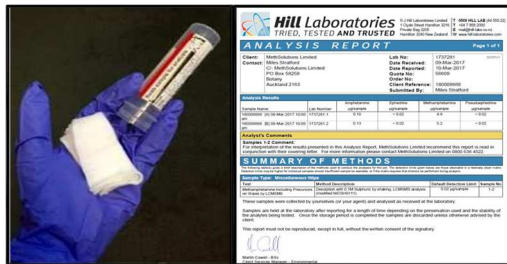
MethSolutions Surface Wipes with Lab Analysis

Benefits

1. Surface wipes are taken by a MethSolutions Certified Sampler trained to select optimum sample sites
2. Methanol dampened cotton gauze squares ensure efficient coverage of 100cm² template with a high recovery rate of residue of the surface
3. Surface wipes are analysed by Hill lab, an IANZ accredited independent lab
4. Hill lab uses a \$500,000 piece of technology (LC-MS-MS) to process the surface wipes and a positive result can only be methamphetamine Lab reports the level of meth in micrograms to support a risk assessment and next steps
5. The lab reports the level of meth detected in micrograms [µg] which is a requirement of most insurers
6. In addition to the presence and level of meth residue, the lab also reports precursor chemicals [ingredients used in the manufacturing process]
7. Lab analysis will detect meth residue as low as 0.02µg providing a high degree of confidence particularly when the result is 'no detectable meth'
8. If the result of our Standard Screening Assessment is above 1.5µg, a 7-day notice to vacate can be issued to the tenant as per Section 59 of the RTA 1986, mitigating further damage
9. Pre-and post-tenancy lab analysed results can be presented at Tenancy Tribunal hearings as evidence the contamination occurred during the tenancy
10. Lab results from samples taken following the NIOSH9111 sampling technique can be directly referenced against NZS8510 relating to habitability. Test costs start from \$189 plus GST

Limitations

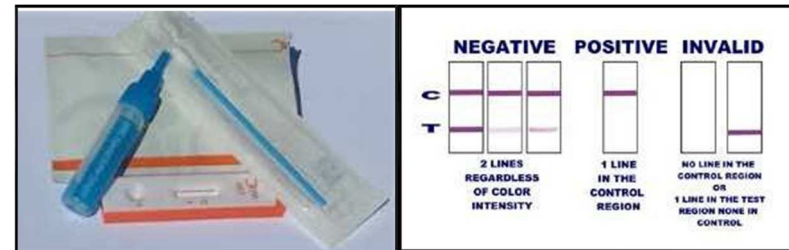
1. Results are available between 2 and 5 working days from the date samples are taken
2. Depending on the level detected in a Baseline Infield Composite sample or a Standard Screening Assessment, discrete area by area individual samples may be required.



Instant Answer/Infield Presumptive Tests

Benefits

1. Costs are sometimes lower ie: \$150 for a pack of 10 instant answer test kits
2. The result from the samples are produced in a shorter time frame



Limitations

1. Users of DIY kits are often untrained and may lack knowledge and experience to select optimum sample sites which directly affects the integrity of the result
2. Reduced recovery rate of meth from the surface *and* coverage of the 100cm² template
3. Positive result can be due to chemicals other than methamphetamine
4. Result is interpreted as positive or negative with no level reported in micrograms
5. Interpretation of results is subjective and leads to uncertainty with increased risk
6. Sensitivity level varies between brands and even high levels of residue can go undetected
7. Lab analysed samples are required if the instant answer result is positive
8. Instant answer results cannot establish if a contaminated property can be tenanted under Standard NZS8510
9. If pre-tenancy instant result is negative and post-tenancy is positive, tenant can challenge result as instant answer kits are not likely to be accepted at tenancy tribunal or by insurance companies
10. 100% of risk and liability for performance rests with person using the instant answer kit