



## FORMULIR KRITERIA PENERIMAAN HASIL KALIBRASI INSTRUMENTASI GC-MS AGILENT

NAMA INSTRUMEN : GC-MS AGILENT .....

| ITEM KALIBRASI      | KRITERIA PENERIMAAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | STATUS                                                                                                                                                                                                                     |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Software            | Koneksi GC – MS – <i>Software</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Memenuhi<br><input type="checkbox"/> Tidak Memenuhi                                                                                                                                               |
| Injektor            | Koneksi auto injektor dengan <i>software</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> Memenuhi<br><input type="checkbox"/> Tidak Memenuhi                                                                                                                                               |
| Inlet               | Tekanan : 25 psi $\pm$ 10%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ..... psi                                                                                                                                                                                                                  |
| GC                  | <ul style="list-style-type: none"> <li>Kolom Oven (<math>T \pm 10\%</math>).</li> <li>Temperatur program (<math>(T \pm 10\%)</math>).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ..... $^{\circ}\text{C}$<br>..... $^{\circ}\text{C}$<br><input type="checkbox"/> Memenuhi<br><input type="checkbox"/> Tidak Memenuhi                                                                                       |
| MS                  | <ul style="list-style-type: none"> <li>Status <i>Tuning</i> :               <ol style="list-style-type: none"> <li>Filament 1                   <ol style="list-style-type: none"> <li>Base Peak 69 atau 219</li> <li>Ratio <math>\text{N}_2</math> terhadap 69</li> <li>Ratio <math>\text{H}_2\text{O}</math> terhadap 69</li> </ol> </li> <li>Filament 2                   <ol style="list-style-type: none"> <li>Base Peak 69 atau 219</li> <li>Ratio <math>\text{N}_2</math> terhadap 69</li> <li>Ratio <math>\text{H}_2\text{O}</math> terhadap 69</li> </ol> </li> </ol> </li> <li>OFN :               <ol style="list-style-type: none"> <li>Base Peak <math>m/z</math> <math>272 \pm 0,2</math></li> <li><math>\text{S/N} &gt; 150</math></li> </ol> </li> </ul> | .....<br>.....<br>.....<br>Simpulan : sesuai/tidak sesuai*<br>.....<br>.....<br>.....<br>Simpulan : sesuai/tidak sesuai*<br>.....<br>.....<br><input type="checkbox"/> Memenuhi<br><input type="checkbox"/> Tidak Memenuhi |
| Presisi hasil injek | <ul style="list-style-type: none"> <li>Area (<math>\text{RSD} &lt; 5\%</math>)</li> <li>Retention Time (<math>\text{RSD} &lt; 5\%</math>)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | .....<br>.....<br><input type="checkbox"/> Memenuhi<br><input type="checkbox"/> Tidak Memenuhi                                                                                                                             |
| Catatan             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                            |
| Simpulan            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                            |
| Paraf               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                            |

\*) coret salah satu