### Lampiran 5 Instrumen dan kondisi operasi alat

#### Analysis Information

<table>
<thead>
<tr>
<th>Item name:</th>
<th>027-LPPK-I-2017-fixed</th>
<th>Analysis Method Item name:</th>
<th>General_Process_Method_Without_Library</th>
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<tbody>
<tr>
<td>Version:</td>
<td>1</td>
<td>Analysis Method Version:</td>
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<tr>
<td>Modified date:</td>
<td>Feb 13, 2017 17:38:53 SE Asia Standard Time</td>
<td>Sample Set Created date:</td>
<td>Sample Set Instrument name:</td>
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<td>Modified by:</td>
<td>Administrator, UNIFI</td>
<td>Sample Set Instrument name:</td>
<td>LC-MS</td>
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<td>Folder:</td>
<td>Company/ULJAK/NPP C/Gian</td>
<td>Sample Set Instrument name:</td>
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#### Sample Information

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<th>Blank_1</th>
<th>Sample type:</th>
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<tbody>
<tr>
<td>Item description:</td>
<td>Sample position: 2:A,8</td>
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<td>Item name:</td>
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Experimental Record : T.Mangga-E-Kasar

I-Class Binary Solvent Manager

General
Solvent Name A: 0.1%FA/WA
Solvent Selection A: A1
Comment: Seal Wash Period: 5.000 min
Gradient start: At injection
2D Repeat Enabled: No
Low Pressure Limit: 0 psi

Solvent Name B: Acetonitrile+0.1FA
Solvent Selection B: B1
Pre-Injector Volume: 0 µL
High Pressure Limit: 18000 psi

Gradient Table

<table>
<thead>
<tr>
<th>Time (min)</th>
<th>Flow Rate (mL/min)</th>
<th>Composition A (%)</th>
<th>Composition B (%)</th>
<th>Curve</th>
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<tbody>
<tr>
<td>0</td>
<td>0.6</td>
<td>95</td>
<td>5</td>
<td>Initial</td>
</tr>
<tr>
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<td>0.6</td>
<td>95</td>
<td>5</td>
<td>6</td>
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<tr>
<td>5</td>
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<td>70</td>
<td>30</td>
<td>6</td>
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<td>9</td>
<td>0.6</td>
<td>30</td>
<td>70</td>
<td>6</td>
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<td>100</td>
<td>1</td>
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<td>15</td>
<td>0.6</td>
<td>95</td>
<td>5</td>
<td>1</td>
</tr>
</tbody>
</table>

Data

System Pressure (psi) Channel Enabled: Yes
A Composition (%) Channel Enabled: No
Primary A Pressure (psi) Channel Enabled: No
B Composition (%) Channel Enabled: No
Primary B Pressure (psi) Channel Enabled: No
Accumulator A Pressure (psi) Channel Enabled: No
Accumulator B Pressure (psi) Channel Enabled: No
Degasser Pressure (psi) Channel Enabled: No
Flow Rate (mL/min) Channel Enabled: No
Analog Out

Chart Out 1: Flow Rate
Chart Out 2: Flow Rate

Events

Initial Switch 1: No Change
Initial Switch 2: No Change
Initial Switch 3: No Change
Run Events: No

Pre-Analysis mode: No

General

Wash Solvent:
Water:MeOH:ACN:IPA 1:1:1:1
Wash Solvent Pre Inject: 0 s
Wash Solvent Post Inject: 5 s
Purge Solvent: MeOH:Water 1:9
Load Ahead: Disabled
Loop Offline: Disabled
Column Temperature Enable: Yes
Column Temperature: 40.0 °C
Column Temperature Alarm: Yes
Sample Temperature Enable: Yes
Sample Temperature: 20.0 °C
Sample Temperature Alarm Enable: No
Comment: Data

Sample Temperature (°C) Channel Enabled: Yes
Ambient Temperature (°C) Channel Enabled: Yes
Seal Force (%) Channel Enabled: No

Column Temperature (°C) Channel Enabled: No
Sample Pressure (psi) Channel Enabled: No
Pre Heater Temperature (°C) Channel Enabled: No

Dilution

Dilution Enable: Disabled
Dilution Dispense Purge Solvent: Disabled
Needle Placement (from bottom): Disabled
Post Dilution Delay: Disabled

Events

Run Events: No

Advanced

Syringe Draw Rate: Automatic
Pre Aspirate Air: Automatic
Needle Placement (from bottom): Automatic
Post Aspirate Air: Automatic
Xevo G2-XS QTof

**Function 1 - MS²**
- Ionisation type: ESI
- Acquisition Start Time: 0.00 min
- Start Mass: 100.00 m/z
- Scan Time: 1.000 s
- High CE Ramp Start: 10.00 eV
- Cone Mode: Method Settings
- Collision Mode: Specific
- Polarity: Positive
- Acquisition End Time: 15.00 min
- End Mass: 1200.00 m/z
- Low CE: 6.00 eV
- High CE Ramp End: 40.00 eV
- Cone Voltage: 40 V
- Collision Energy: 6.00 eV

**Function 2 - MS²**
- Ionisation type: ESI
- Acquisition Start Time: 0.00 min
- Start Mass: 100.00 m/z
- Scan Time: 1.000 s
- High CE Ramp Start: 10.00 eV
- Cone Mode: Method Settings
- Collision Mode: Ramp
- Collision Energy End: 40.00 eV
- Polarity: Positive
- Acquisition End Time: 15.00 min
- End Mass: 1200.00 m/z
- Low CE: 6.00 eV
- High CE Ramp End: 40.00 eV
- Cone Voltage: 40 V
- Collision Energy Start: 10.00 eV

**Settings**
- Analyzer Mode: Sensitivity
- ESI +
  - Capillary: 3 kV
  - Source Temperature: 120 °C
  - Cone Gas Flow: 50 L/h
  - Cone: 40 V
  - Desolvation Temperature: 500 °C
  - Desolvation Gas Flow: 1000 L/h

**Active Noise Reduction Settings**
- Mode: High