

## AK101 Gasoline Range Organics<sup>1</sup>- QA/QC

### SAMPLE INFORMATION

Matrix	<input type="checkbox"/> Aqueous	<input type="checkbox"/> Soil	<input type="checkbox"/> Sediment	<input type="checkbox"/> Other:
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### AK101 QC RESULTS FOR ANALYTICAL BATCH

Type	Reagent Blank	Trip Blank	LFB 1	LFB 2	CCS start	CCS End	CVS
Field ID							
Lab ID							
Date Prepared							
Prepared by							
Date Extracted							
Date Analyzed							
Dilution Factor							
% Moisture (soil)							
Units							
Correct Integration Range Used?							
Reagent Blank Results							
Trip Blank Result							
Are Blanks less than PQL <sup>2</sup> ?							
Lab Fortified Blank (#1) % Recovery							
Lab Fortified Blank (#2) % Recovery							
<b>LFB Acceptance Range</b>			<b>60-120%</b>	<b>60-120%</b>			
LFB RPD <sup>3</sup> (%)							
<b>LFB RPD<sup>3</sup> Acceptance Limit</b>				<b>≤ 20%</b>			
Continuing Calibration Sample Results-start							
Continuing Calibration Sample Results-end							
<b>CCS Acceptance Range</b>					<b>75-125%</b>	<b>75-125%</b>	
Curve Verification Sample Results							
<b>CVS Acceptance Range</b>							<b>75-125%</b>
Surrogate % Recoveries for all QC							
<b>Surrogate Acceptance Range</b>	<b>60-120%</b>						

<sup>1</sup>Gasoline Range Organics data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range.  
GRO integration range is from the peak start of C<sub>6</sub> to the peak start of C<sub>10</sub>.

<sup>2</sup>PQL = Practical Quantitation Limit. PQL=MDL X 10. Must be less than 20 mg/Kg in soil and 100 ug/L in water.

### COMMENTS

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|--|------------------------------|---|
| 1. Were all QA/QC procedures REQUIRED by the AK101 Method followed?                      | <input type="checkbox"/> Yes | <input type="checkbox"/> No-Details attached  |
| 2. Were all performance/acceptance standards for the required QA/QC procedures achieved? | <input type="checkbox"/> Yes | <input type="checkbox"/> No-Details attached  |
| 3. Were any significant modifications made to the AK101 method?                          | <input type="checkbox"/> No  | <input type="checkbox"/> Yes-Details attached |

SIGNATURE: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

I certify that I have personally reviewed the above checklist and that all information is correct.