

Medusa Analytical

Blood Alcohol Concentration & Drug Analysis Preliminary Discovery Check Services

About Medusa Analytical, LLC

Medusa Analytical, LLC is a consortium of highly credentialed scientific experts with the forensic knowledge, scientific skill sets, and courtroom experience to assist you when technical and scientific answers are required to resolve litigation and insurance claims. Our experts have extensive experience in analytical chemical instrumentation, forensic chemistry, including blood alcohol, urinalysis, and blood and drug content analysis, and cannabis science (including hemp/cannabis potency and blood/urine drug and metabolite determinations).

BAC Discovery Checklist
Initial Assessment

Case No and Name: _____ Date: _____

Attorney: _____ Prepared by: _____

Pass/ Fail	Request Checklist - Blood Alcohol	Notes
<input type="checkbox"/>	Lab Accreditation	
<input type="checkbox"/>	Audit Reports	
<input type="checkbox"/>	Blood Alcohol SOP	
<input type="checkbox"/>	Lab Report	
<input type="checkbox"/>	Sample Chain of Custody Report	
<input type="checkbox"/>	Chromatograms from Batch Analysis	
<input type="checkbox"/>	Batch Sequence Design	
<input type="checkbox"/>	Quality Control Reports and Calibration Model	
<input type="checkbox"/>	Validation Reports	
<input type="checkbox"/>	At time of instrument installation	
<input type="checkbox"/>	At time of instrument maintenance	
<input type="checkbox"/>	Method validation	
<input type="checkbox"/>	Instrument Maintenance Logs	
<input type="checkbox"/>	Qualifications of Analyst	
<input type="checkbox"/>	Concluding Remarks	

www.MedusaAnalytical.com

How can Medusa Analytical help you?

In recent years, instances of poor or even fraudulent laboratory practices have become major news stories. The scientists behind Medusa Analytical, LLC believe that scientific best practices should be practiced in both the private and the public sector, especially when people's lives and careers are affected by the results. As a result, we created our Medusa Preliminary Discovery Checklist – both for the analysis of Blood Alcohol Concentrations as well as Drug Content.

For a nominal fee, our team will comb through the documents provided by the prosecution to ensure that scientific best practices are being used including:

- Maintenance logs and proper record keeping
- Method validation and instrument performance
- Quality control and traceability
- Chain of custody and sampling handling
- Credentials and training of the analyst

Are the Preliminary Discovery Checks Effective?

While we cannot guarantee that there will be issues with the documentation provided by the forensics lab, we regularly encounter items that raise doubt about the validity of the analytical measurements. Our trained experts commonly uncover instances where best practices have not been followed and these shortcomings compromise reliability of the reported results.

If you would like further information, please contact us at

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www.MedusaAnalytical.com



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Facilitating solutions

