

Lab #: 998367

Job #: 65232

Sample Name: Savage 8-21B (8D) Intermediate Casing

Company: QB Energy Operating, LLC

API/Well: 05-045-14756

Container: IsoTube Single Valve

Sampling Point: 292747

Date Sampled: 09/25/2025

Date Received: 01/09/2026

Date Reported: 02/16/2026

Component	Chemical mol%	$\delta^{13}\text{C}$ ‰	δD ‰	$\delta^{18}\text{O}$ ‰	$\delta^{15}\text{N}$ ‰
Carbon Monoxide	nd				
Helium	0.0037				
Hydrogen	0.122				
Argon	0.0432				
Oxygen	1.10				
Nitrogen	3.22				
Carbon Dioxide	0.035				
Methane	95.40	-32.3	-161		
Ethane	0.0655	-28.8			
Ethylene	0.0001				
Propane	0.0014				
Propylene	0.0016				
Iso-butane	nd				
N-butane	0.0001				
Iso-pentane	nd				
N-pentane	nd				
Hexanes +	0.0029				

Total BTU/cu.ft. dry @ 60° F & 14.73psia, calculated: 969

Specific gravity, calculated: 0.574

Remarks:

Insufficient CO₂, C₃, nC₄, iC₅ and nC₅ concentration for carbon isotope analysis.

Billing Code: 201464, Major/Minor Code: 8000..126