

Certificate of analysis

Test report of Gilsonite for Filtrate Loss Control

Report: ACC 125799	Manufacturer: Aras Petrochemical
Sample NO: 02223	Source: Aras Petrochemical Co

TEST	RESULT	TEST METHOD
1. Ash content	%Wt 5-7	ASTM D 3174-4
2. Solubility in CS ₂	%Wt 81	ASTM D2042
3. Fixed Carbon	%Wt 24	ASTM D3172
4. Volatile matter	%Wt 60	Elemental Analyzer
5. Hydrogen Content	%Wt 6.5	Elemental Analyzer
6. Sulfur Content	%Wt 0.3	Elemental Analyzer
7. Carbon	%Wt 82	Elemental Analyzer
8. Nitrogen	%Wt 3.1	Elemental Analyzer
9. Oxygen	%Wt 2.5	Elemental Analyzer
10. Asphalten content	%Wt 76	Elemental Analyzer
11. Moisture Content	%Wt 1	ASTM D3174
12. Maltene	%Wt 24.28	Elemental Analyzer
13. Normal Heptane Insolubles	%Wt 79	ASTM D379
14. Penetration	0	ASTM D5
15. Softening Point	250-260 °C	ASTM D 36
16. specific gravity @ 25 C°	1.2	ASTM D3289

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