



2780 Waterfront Pkwy. E. Dr. Indianapolis, IN 46214
 Phone: 317-328-5660 Fax: 317-328-5668 Sales: 1-800-437-3188 www.calumetspecialty.com

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RE: BTEX Testing

To Whom It May Concern:

This letter is to confirm that the below substances have been tested for Benzene, Toluene, Ethylbenzene and total Xylenes (BTEX) to confirm suitability for drilling fluids. Typical results are listed below:

| BTEX | Benzene | Ethylbenzene | Toluene | Xylenes |
|---------------------------------|---------------------------|-----------------|-----------------|-----------------|
| Product | EPA Drinking Water Limits | | | |
| | 0.005 mg/L | 0.7 mg/L | 1 mg/L | 10mg/L |
| Magiesol 44 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Magiesol 47 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Magiesol 52 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Conosol C-145 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Conosol C-200 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Conosol 215 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Conosol 260 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Conosol 340 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| LVT 200 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| LVT 210 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calsia 62 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calsia 70 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calsia 80 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calsia 96 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calsia 100 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calumet LVP 100 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calumet LVP 200 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calumet LVP 300 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| WP 145 | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calumet 142 Flash <1% | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |
| Calumet 422 <1% | ND @ 0.005 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L | ND @ 0.250 mg/L |

While there presently is no federally mandated specification for BTEX levels in drilling fluid, local municipalities and drilling companies have generally accepted the limits that are specified in the EPA Safe Drinking Water Act standards.



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The products listed in this letter addresses the testing results of the 4 contaminants of interest. These products are periodically tested to assure ongoing compliance.

Please contact Calumet's Product Support Team at technical@clmt.com should you have further questions.

Sincerely,

Lynn Massad
Technical Market Development Manager