



Test Option List

Description	Preliminary Evaluation	Look-See	Development Study	Pilot Scale
Test Results	Indication of success based upon testing and prior experience	Same as previous test but including additional binders	Testing performed on Pilot Scale equipment. Scale-up data obtained	Quantity pelletizing
Quantity of Sample Required	5 to 15 Gallons	5 to 15 Gallons	55 Gallons	220 Gallons
Binders	Water only	2 Additional binders included. Others at additional cost.	Predetermined binder	Predetermined binder
Equipment	DP-14 or 8D32L Pin Mixer	DP-14 or 8D32L Pin Mixer	P-30 Disc, D-30 Drum, 12D54L Pin Mixer or A-150 Ampel	P-30 Disc, D-30 Drum, 12D54L Pin Mixer or A-150 Ampel
Sample Yield	1 jar green, air dried and oven dried pellets	1 jar green, air dried and oven dried pellets	20 pounds of green, air dried and oven dried pellets	Pelletized product
Special Conditions	None	None	Size reduction, pre-treatment, mixing, coating or post treatment at extra charge	Drying, special feeding, milling, mixing and screening at extra charge
Price	\$475.00/test	\$675.00/test	\$1,500.00/test	Per day charge of \$1,900.00. One day minimum charge
Visitors	No visitors	No visitors	Visitors welcome	Visitors welcome

MARS MINERAL

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Division of Woodward, Inc.



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Mars Mineral maintains a laboratory and pilot scale testing facility to process materials for determining the pelletability of your material. The previous page describes the various types of tests available and should be used as a guideline in determining the testwork that you would like performed.

Description of Laboratory Fees.

The quoted laboratory testing rates are for the use of our facility, equipment, laboratory technicians and supporting personnel. The basic laboratory testing rate is based upon either a standard test, which includes the Preliminary Evaluation, Look-See Test and a Development Study, or upon a daily rate, as detailed in the Pilot Scale Test.

The Pilot Scale Test is based upon a daily charge, plus additions for optional processing equipment or material. The daily charge is a minimum charge. The number of days quoted for your project includes estimated time for set up of the pelletizing system, for clean up upon the test completion, special pre or post treatment of materials or pellets (milling, mixing, drying etc.) and for normal delays that occur during the project.

Daily, Overtime and Weekend Rates.

The normal daily rate is for an eight (8) hour day from 7:30 AM to 3:30 PM, Monday through Friday. Time exceeding the normal workday will be invoiced at overtime rates. No overtime will be performed without written authorization by the customer.

Extraneous Supplies.

Any special supplies needed for a test, and to be supplied by Mars Mineral, must be authorized by the customer in writing and will be invoiced at our cost plus 10%. All unused supplies will be returned to the customer upon completion of the test.

Forms Required for Testing.

Before any testing begins, Mars Mineral must have in possession, a customer Purchase Order with down payment, a completed Agglomeration Questionnaire, a Material Safety Data Sheet and a completed Material Return Authorization form.

Acceptance of Materials.

Mars Mineral must be notified in advance to the shipment of materials to our facility for testing. Mars Mineral must receive a Material

Safety Data Sheet at least 2 days prior to the shipment of the material. Written authorization from Mars Mineral must be obtained by the customer prior to shipment or Mars Mineral will not accept the shipment.

Failure of the customer to properly notify Mars Mineral in writing about the properties of the materials will indemnify and hold Mars Mineral harmless from and against any and all claims, suits or liability whatsoever arising from or connected with any such injury, death or damage.

Return of Materials.

Mars Mineral policy requires that all materials shipped to us for testing will be returned to the customer. There are no exceptions. The materials will include unused raw materials, product, off spec material and clean up. A Material Return Authorization form must be completed and returned to Mars Mineral prior to testing.

Arrangements for the return of the materials must be made prior to the test. All charges for the return of the material will be to the customers account and will be invoiced with the testing charges.

In the event that the testing is delayed or partially completed due to reasons beyond the control of Mars Mineral, the material will be held for a maximum of 30 days from the delay date. After 30 days the material will be returned to the customer by freight collect. If the customer refuses delivery of the material, it will be disposed of in accordance with the Material Safety Data Sheet and the customer will be billed for all related costs.

Test Scheduling/Completion.

All tests will be scheduled according to the arrival date of all materials and forms. This schedule is tentative and is subject to change. Mars Mineral will notify the customer of the scheduled test date and will make every effort to hold the date selected.

Terms of Payment.

The following payment terms will apply to all testing:

- 30% required with the purchase order, before work begins.
- 30% required at the completion of the test, before results will be released.
- 40% due net 30 days from the invoice date. A 1.5% late charge will apply to all accounts over 30 days.