



# Request for Laboratory Test

Corporate Headquarters  
832 Industrial Drive  
Elmhurst, IL 60126 USA  
Phone: 630-530-3333



Sales Engineer: \_\_\_\_\_

Date: \_\_\_\_\_

## Customer Data

### CUSTOMER INFORMATION:

Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State: \_\_\_\_\_  
Zip, Country: \_\_\_\_\_

Contact: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_

### MATERIAL RETURN INFORMATION:

Same as address above

Customer is responsible for all shipping cost.

Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State: \_\_\_\_\_  
Zip, Country: \_\_\_\_\_

Carrier: \_\_\_\_\_  
Account #: \_\_\_\_\_  
Tariff/HS Code: \_\_\_\_\_

*(International use only)*

### TEST FEE INFORMATION:

Test Fee: \_\_\_\_\_

P.O. #: \_\_\_\_\_

## Feed Information

### MATERIAL (FEED) INFORMATION:

Material: \_\_\_\_\_  
Particle Size: \_\_\_\_\_  Other  
Bulk Density: \_\_\_\_\_  g/cc  lbs/cft  
Moisture: \_\_\_\_\_  n/a  
Max Temp: \_\_\_\_\_  °C  °F  
Qty Shipped: \_\_\_\_\_  kgs  lbs

### CHARACTERISTICS:

Fibrous  Abrasive  
 Granular  Corrosive  
 Powder  Hygroscopic  
 Sticky  Agglomerations  
 Brittle  Large Mass  
 Other: \_\_\_\_\_

### MATERIAL SAFETY DATA SHEET:

NFPA rating (0-4)

Health                      Fire                      Reactivity  
[ ]                      [ ]                      [ ]

**MSDS is required prior to testing.**

### INDUSTRY:

Chemical  Pharmaceutical  
 Food  Nutraceutical  
 Other: \_\_\_\_\_

*\* The nature of the experimental work can entail some product shrinkage, possible product damage, and contamination. We will try to minimize the above losses to the materials while they are in our possession. If the value of the material is such that extraordinary care and maximum recovery are required, the laboratory must be informed of the product value and advised of the maximum limit to our liability. If special care and handling are required, extra laboratory charges will be made as determined by the service required.*

## Process Requirements

### Product Application:

New       R&D       Process Optimization       Other \_\_\_\_\_

**Size Reduction**

**Dry Granulation**

### Type of Machine

Fitzmill     FcM     Chilsonator

### Type of Test

Preliminary Analysis  
 Compaction & Granulation  
 Full System w/ recycle

### Feeding Method

Manual     Gravity     Feed Screw

### ADDITIONAL SET-UP CRITERIA:

---

---

---

## Test Objective/Final Product

Particle Size Distribution: \_\_\_\_\_  Mesh  
Capacity: \_\_\_\_\_  kgs/hr  lbs/hr  
Bulk Density: \_\_\_\_\_  g/cc  lbs/cft  n/a  
Temperature Limitations: \_\_\_\_\_  °C  °F  n/a

### ADDITIONAL OBJECTIVE CRITERIA:

Produce Uniform PSD     Improve Flow       Control Dust  
 Control Density       Particle Hardness       Dissolution/Solubility

---

---

---

### INSTALLATION REQUIREMENT:

Continuous Process       Batch Process

Upstream:  IBC/Drum to Hopper     Rotary Airlock     Air Conveyer     Conveyer  
 Other: \_\_\_\_\_

Downstream:  IBC/Drum to Hopper     Rotary Airlock     Air Conveyer     Conveyer  
 Other: \_\_\_\_\_