

ASTM 1557 Moisture/Density Curve

Sample No: **T-2**

Date: 12-Aug-08

Tech: B. Carter

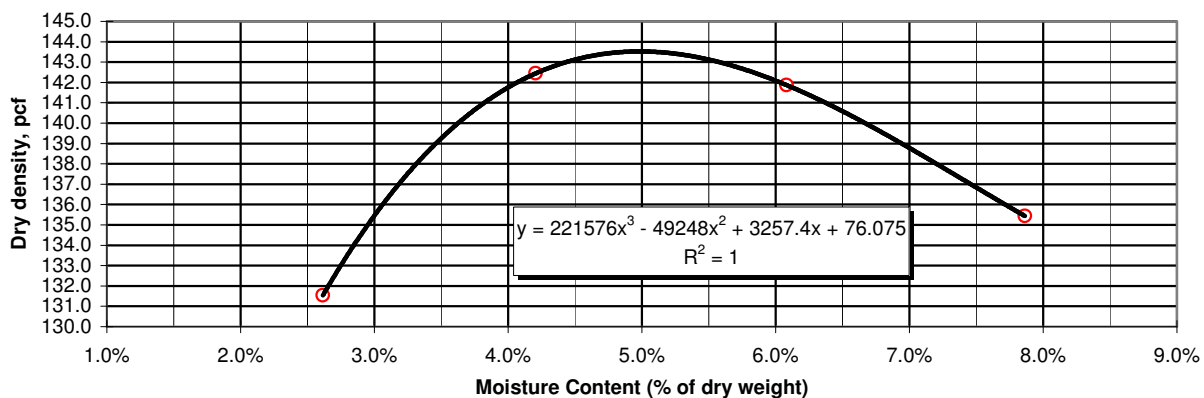
Client: Pacific Enzymes Inc.
 Address: 2015 Rockwood Drive
 City, State Zip: Sacramento, CA 95864
 Attn: Bob
 Project: Permazyne Testing
 Soil Description: Valley Rock Road 39 Class II AB (Treated)
 Sample location: Client Delivered
 Sample depth: N/S

| Trial No: | 1 | 2 | 3 | 4 | 5 |
|---------------------|-------|-------|-------|-------|---|
| Water Added | 200 | 300 | 100 | 400 | |
| Gross compacted wt: | 7869 | 7939 | 7411 | 7789 | |
| Container Tare: | 2820 | 2820 | 2820 | 2820 | |
| Net compacted wt: | 5049 | 5119 | 4591 | 4969 | |
| Wet density, pcf: | 148.4 | 150.5 | 135.0 | 146.1 | |
| Dry density, pcf: | 142.4 | 141.9 | 131.5 | 135.4 | |

Sample Weight:

5400.0 g

| Pan No: | 1 | 2 | 3 | 4 | 5 | Rock Correction' ASTM D4718 |
|---------------------|--------|--------|--------|--------|---|-----------------------------|
| Gross wet wt: | 1204.1 | 1369.6 | 1285.9 | 1369.2 | | Total sample wt: |
| Gross dry wt: | 1158.9 | 1295.9 | 1255.2 | 1275.5 | | +3/4 rock wt: |
| Pan tare: | 84.4 | 84.0 | 81.0 | 83.9 | | % of +3/4 rock: |
| Net dry wt: | 1074.5 | 1211.9 | 1174.2 | 1191.6 | | Specific Gravity of +3/4: |
| Moisture loss: | 45.2 | 73.7 | 30.7 | 93.7 | | Rock adj. density: |
| % Moisture Content: | 4.2% | 6.1% | 2.6% | 7.9% | | |



Max density from curve: 143.5

Max adjusted density: 143.5 pcf

Optimum moisture:

5.0%

This test was performed per ASTM 1557

Reviewed by: _____