



# Technical Data Sheet

## W1™

Acid Activated Refinement Clay

W1 is an acid activated refinement clay. It is highly selective for chlorophyll, heavy metals, and other impurities facilitating for the production of high purity oils. It works by trapping impurities under pressure within its pores and by degrading other contaminants through interaction with active sites on its surface.

pH: 3  
 Free Moisture: 13%  
 Tamped Density: 700g/l  
 Particle Size: 50um(85%)

### Performance Features

- Fast filtering and less pressure build up at the end of cycle
- Removal of soaps and phospholipids
- 20-30% less clay dosage required for comparative results
- Great terpene carryover

### TECHNICAL SERVICE AND SUPPORT

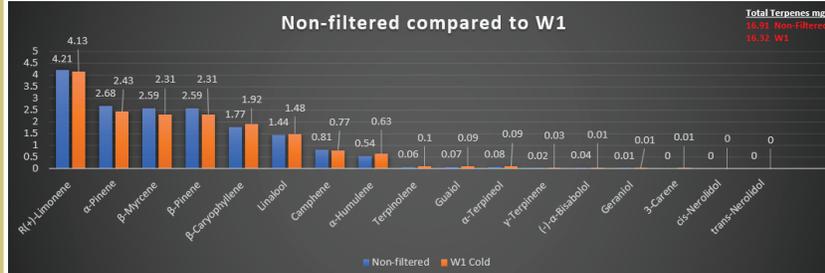
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### Recommended Dosage

Biomass	Recommended Spool Size	Amount
1lb	2" x 6"	50g
5lb	3" x 8"	250g
10lb	4" x 8"	500g
20lb	6" x 10"	1,000g
50lb	8" x 10"	2,500g

### LOW TERPENE ISOMERIZATION COMPARISON

RESULTS SHOW MINIMAL LOSS OF OVERALL TERPENE CONTENT



### TYPICAL LAB BLEACH CONDITIONS

DOSAGE: 50G PER LB. OF BIOMASS  
 TEMPERATURE: 70°F (21°C)  
 FLOW RATE (NITROGEN PUSH): 4" DIAMETER SPOOL W/60PSI

Note: The properties outlined above represent typical values for this product. They are not designed to convey absolute product specifications. The information in this data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes. Chem Tek makes no warranty, express or implied, with respect to the product and assumes no responsibility for any risk or liability arising from the use of this product information

Chem Tek works with domestic and international distributors to provide local access to our products.

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