



Imagine the possibilities. . .

QIC Contract Manufactures spray dried and spray chilled powdered ingredients for the food, nutrition, supplements, medical, and chemical end markets. Our tolling services are centered on powder production; may be supplemented with formulation development and process protocol development services, and/or post production processing.

Three Tall Form Production Dryers

Two Pilot Dryers

| | |
|------------------------|-----------------|
| Water Evap Rate | 350# - 650#/Hr |
| Min Batch Size | 500# |
| Solids Range | 20% - 100% |
| Nozzles | One |
| Homogenizer | 5K lb PSI |
| Pressure Pump | 5K - 10K lb PSI |
| Exhaust | Wet scrubber |
| Fluid Bed | Yes |
| Silos | Three |

- Tall form offers 1 - 2 runs per day
- Mobile Minor offers 4 -10 runs per day
- 5K lb homogenizer for micro emulsions
- Spray chill capable
- Science and engineering expertise to assist in formulation, designed experiments, process development, and problem solving

- Packaging** Bags, drums, bag in box
- Special Capabilities**
- Spray chill encapsulation (no added heat)
 - Cat Ox odor control
 - Flexible processing options; multiple passes; multiple configurations
 - Fines recirculation (limited agglomeration)

Safety & Quality Capabilities

- Safe Quality Food ("SQF") Level II company
- Hazard Analysis/Critical Control Points plans
- Kosher, Halal, Organic certifications
- EU export approved
- Inspected by/compliant w/MN Dept. of Ag. & FDA
- Refrigerated raw material storage
- Analytical testing

~ ~ ~ ~ ~ **QUALITY INGREDIENTS' COMMITMENT TO YOU** ~ ~ ~ ~ ~

