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| Shanghai Ohkawara Dryers Co.,Ltd.  Zipcode:201318 Tel: 021-53028877  Add & Feed delivery Add:  Block 4, Lane 588, Tianxiong Rd, Pudong New Distrit, Shanghai, P.R.C |

1. **SD for Test：**
   1. Type：☒Open 、☐Closed-cycle (Nitrogen sealed)
   2. Atomizer：☒Disc type ☐Pressure nozzle type
   3. \*SD for test:☐OADB-8 ☐SFOC-20 ☐SBDP-15

☐SCL-12 ☐SOC-16 ☐SONT-16

*\*Please confirm with our sales for applicable test SD.*

1. **Feed Name：**

*（Please fill in analogue(s)’ name when confidentiality is necessary.）*

1. **Purpose for test：**
   1. Purpose:

☒Spray Drying ☐Spray Drying granulation, ☐Spray cooling ☐Spray concentration

☐Spray reaction ☐Microencapsulation ☐Others

*\*for spray cooling, pls use another questionnaire.*

* 1. Applications:

☐Foods ☐Pharmaceuticals (☐inorganic ☐organic) ☐Pesticides ☐Ceramics ☐Pigments ☐Plastics ☐Others

* 1. Plan for follow purchasing:

☐Laboratory use

☐Production use

(☐New ☐Additional ☐Rationalization ☐Renewal)

☐Others

1. **Feed component**
   1. Component*（Please fill in additives’ name if used）*

|  |  |
| --- | --- |
| Solid contents 1 | % |
| Solid contents 2,3,…  (if have) | % |
| Disperant(if have) | % |
| Adhesive(if have) | % |
| Solvent 1 | % |
| Solvent 2,3,…  (if have) | % |
| Total | % |

b）Toxicity or pollution ☐Yes ☐No

c）Characteristics:

☐Solution ☐Suspension ☐Emulsion ☐Colloid ☐Others

Feed specific gravity: Viscosity： mPa·s

PH： Product bulk density： g/ml

d）Flammability: ☐Yes ☐No

e）Bad smell: ☐Yes ☐No

f）Soften point: ℃ g）Melt point： ℃

h）Variation with time：☐Yes ☐No

（Decomposition, Flowability, Moisture absorption）

1. Others

**5．Requirements for drying conditions：**

a）Inlet temp: ℃ Outlet temp: ℃

b）Permissible temp of product: ℃

c）Contact of hot air:☐Co-current ☐Counter-current

d）Heating method: ☐Direct ☐Indirect

|  |  |  |  |
| --- | --- | --- | --- |
| Company name |  | | |
| Address |  | | |
| Zipcode |  | Tel |  |
| Dept |  |  |  |
| Contact person |  | Title |  |

1. **Expectation of product：**

a）Average diameter: \_\_\_\_\_\_\_\_μm

b）Particle diameter distribution: \_\_\_\_\_\_\_\_

c）Residual moisture: \_\_\_\_\_\_\_\_\_%(W.B)

d）Product temp: \_\_\_\_\_\_℃

e）Others\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7．The do’s and don’ts：**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Process before drying (if necessary)**\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **Process after drying(if necessary)**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**10．Method used before and its condition, advantages and disadvantages**

\_\_\_\_ \_\_\_\_\_\_\_\_\_

**11．Sending feed for test**

Weight: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_kg

**12．Others**

a）Be present or not ☐Yes ☐No

b）Visitor(s)’ name:\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

c）Confidentiality level:

☐Normal ☐Secret ☐Top-secret

d) Address for sending Feed & powder：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e）Test expenses: RMB \_\_\_\_\_\_\_ (filled by Ohkawara)