



The Request List of Short Path Distillation

1. Company Information

Company			
Website		Field	
Contact Person		Email	
Contact Number		Social APP	

2. Information of Your Mixed Materials to be Purified

Sub-group #serial	Name	Content (W%)	Boiling point(°C) (cor. pressure)	Melting point(°C) (Atmospheric)
A				
B				
C				
D				
E				
F				
Remark	Accurate info for pure substance (Chemical, Molecular formula, CAS)	Weight content in mixed material	Default 101.325kPa(1atm), If NOT please give us the pressure of your system	

(1) What is the viscosity of your mixed materials to be purified? We need the data in RT(25-30°C) and in your heating temperature

1		mPa.s(cp)	RT(25-30°C)	*Fill in the Viscosity in RT(25-30°C)
2		mPa.s(cp)		*Fill in the Viscosity and Temperature in your heating system.

(2) Sensory description

What is the appearance of your mixed materials?

(a) Solid; (b)Wax; (c)Viscous fluid; (d)Liquid

In RT(25-30°C) , which form is it in?

*Fill in the result of above

(a)Solid; (b)Wax;

(c)Viscous fluid; (d)Liquid

In your heating temp. , which form is it in?

Supplement: A brief description, for example, what is your mixed material similar as?

Such as water, honey or gasoil etc.

(3) Are there any solid particles in your mixed materials?

If yes, what is the content and size of the solid particles?

(4) Is it thermosensitive or photosensitive?

(At what temperature there are side effects? Does it need UV light isolation? or other request...)

3. Your Target Substance

(1) What is your target substance? In the chart of your mixed materials to be purified, A, B, or C?

(2) What is your request of analysis result? After SPD purifying system, what are the purity and related data? Such as the content of the pointed impurity, single impurity etc.

(3) Any other requests? Such as color, smell etc.

(4) Have you done the Distillation tests before? If yes, do you want to share the data?

(5) Multi-stage separation? If yes, pls show us your details of each stage of separation.

(6) What is the production capacity you want? The Unit: L/H

(7) Any Supplement of SDS? Such as Toxicity, Security data (flammable, explosive, etc.)

4. Auxiliary Equipment & Information

(1) Production site/workshop size

(2) Explosion proof requirements

(3) Is there circulating water in your system?

*When we design the SPD system, we will put the energy saving issues into consideration, so we can make full of the energy in our internal sytem in advance

(4) Is there circulating low-temp. liquid in your system?

*We will judge if we will use the external Cold trap

(5) Do you want to use the rough vacuum in your system?

*Used for vacuum drying after equipment cleaning and degassing at high volume content

(6) Is there a high-temperature heat transfer oil circulation system heated by fuel or gas?

*Can be used for heat exchange to provide heat to the evaporator

(7) Power Supply

*Default is 380V\50HZ\3PIN, and we can supplyall kinds of transformers as well, or we will adjust the powder as your request when we design your system.