



LiquiSonic®

Questionaire crystallization

| company | | |
|------------|------|------|
| department | | |
| name | | |
| street | | |
| ZIP, town | | |
| phone | | |
| fax | | |
| e-mail | | |
| | | |



1. Process liquid

| 1.1. Crystals | | |
|--|--|----------|
| identifier: _ formula : _ | | |
| CAS-number: | | |
| crystal size: _ density: _ | | |
| 1.2. Solvent | | |
| identifier: _ | | |
| formula: _ | | |
| formula: _ | | |
| | | |
| 2. Metastable ra | nge | |
| | | |
| saturation function $c_s = f(T)$ | C ₈ = | |
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| saturation function $c_s = f(T)$ control $c_s = f($ | Saturation concentration own. | neration |
| saturation function $c_s = f(T)$ corystallization function $c_k = f(T)$ corystallization function $c_k = f(T)$ corystallization. Temperature The metastable range is unknown. | Saturation concentration own. | neration |
| saturation function $c_s = f(T)$ corystallization function $c_k = f(T)$ corystallization $c_k = f(T)$ corystallization function $c_k = f(T)$ corystallization $c_k = f(T)$ corystallization function $c_k = f(T)$ corystallization $c_k = f(T)$ co | Saturation concentration own. kinetics | neration |

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4. Cooling crystallization start temperature: final temperature: cooling rate: crystallizer principle: volume of the crystallizer: internal heat exchanger external heat exchanger frigidity generation: 5. Evaporation crystallization crystallization temperature: evaporation volume per hour: external heat exchanger heat generation: internal heat exchanger mass flow mother solution: 6. General technical data presssure range: $\prod 1$ \square 2 3 non Ex-level: yes no gas bubbles existing: \bigcap no stirrer existing ___ yes yes (DN ___ o no bypass existing: \prod no process connector existing: yes (DN ___ process control system existing: yes 7. Informations I am interested in the determination of the metastable range. I am interested in the determination of the supersaturation during the crystallization. I am interested in the determination of the crystal content during the crystallization. I am interested in the determination of the supersaturation during the crystall dilution. Other:

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