



Application Note

Mini Spray Dryer B-290

Lignin sulphonate

1. General Information

Type of application	Pharma / Medical, Chemicals / Polymers
Type of application	Spray drying
Applied device	BUCHI Mini Spray Dryer B-190
Recommended device	BUCHI Mini Spray Dryer B-290

2. Sample preparation

Sample concentration	39 %
Solvent	Water
Carrier	-
Filmogen	-

3. Spray drying parameters

Inlet temperature	150°C
Outlet temperature	110°C
Gas spray flow	700 L/h
Yield	94 % excellent

4. Additional Information

Remarks	SERLA-SOL CR Nr.5256
Customer / Company	SERLACHIUS, Lielahiti Lignosulfonate Plant, SF-33101
	Tampere
Date	6/14/1984

The given process parameters are used as starting values for process optimization and give an indication if the material can be spray dried or not.