

SINCE 1889



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SPRAY DRYER APPLICATIONS

PHARMACEUTICAL INDUSTRY



Yamato ADL Series Compact & Economical Spray Dryer

ADL311SA

Sample	Carboxylated poly-L-lysine 25% + Water 75%	
Parameters	Inlet	125
	Outlet	67~69
	Blower Rate	0.38~0.4
Recovery Rate	90.94	



Yamato ADL Series Compact & Economical Spray Dryer
+ Yamato GAS410 Organic Solvent Recovery System

ADL311SA + GAS410

Sample	Fullerene, Sucrose fatty acid ester Toluene + Ethanol	
Parameters	Inlet	180
	Outlet	100~105
	Blower Rate	0.30
Recovery Rate	97.75	

Sample	Pigment, Ethanol, Glass	
Parameters	Inlet	120
	Outlet	58~71
	Blower Rate	0.5→0.4
Recovery Rate	66.1	



Yamato DL410 Large Capacity Spray Dryer

DL410

Sample	Barium sulfate	
Parameters	Inlet	280
	Outlet	100~102
	Blower Rate	0.65
Recovery Rate	97.80	

Sample	Feed additives	
Parameters	Inlet	250
	Outlet	77~78
	Blower Rate	0.55
Recovery Rate	92.00	

Sample	Magnesium chloride	
Parameters	Inlet	160
	Outlet	74
	Blower Rate	0.60
Recovery Rate	75.50	



Yamato DL410 Large Capacity Spray Dryer

DL410

Sample	Chitosan 2%, Water 98%	
Parameters	Inlet	200
	Outlet	69~72
	Blower Rate	0.46~0.47
Recovery Rate	72.25	

Sample	Eye drop medicine	
Parameters	Inlet	140
	Outlet	52~53
	Blower Rate	0.60
Recovery Rate	72.20	

Sample	Titanium oxide + Polyacrylic acid	
Parameters	Inlet	220
	Outlet	91~92
	Blower Rate	0.60
Recovery Rate	65.20	