

NAGASE Group is ...



< Nagase Group >

Headquarters : Tokyo, Osaka / Japan
Founded : June 1832
Employees : approx. 7,000
Subsidiaries : 102
Sales(FY2020) : US\$ 7.8 billion



Osaka Head Office

189 years history



Nagase provide solutions for your problems,

Manufacturing

Trading

R&D

Marketing

Logistics

Investment

< Nagase (Europa) GmbH >

Head office : Dusseldorf / Germany
Established : March 1980
Office : Germany, UK,
France, Hungary



Hayashibara Co., Ltd. is...



Name: Hayashibara Co., Ltd.
Head office: Okayama Japan
Established: 1883
Employee: 652
Business lines: Food, Cosmetic, Pharmaceutical
 Ingredients and Functional Dyes

Hayashibara Co., Ltd.
 Headquarter in Okayama



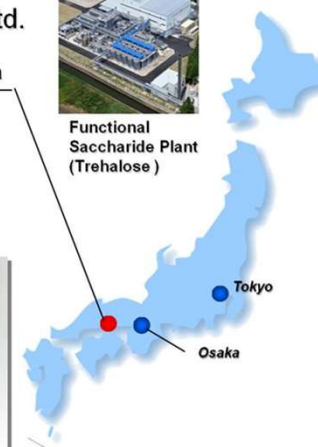
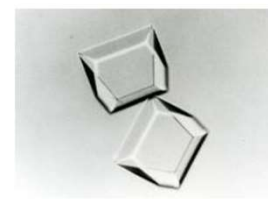
Functional Saccharide Plant (Trehalose)



Okayama Plant I



Okayama Plant II (AA2G™, Pullulan, Maltose and Enzymes)



HIGH PURITY TREHALOSE

Product Name	Purity/Other	Application	Packaging	Regulatory Approval	Others
TREHALOSE SG	99.0~101.0% /Low Endotoxin	<ul style="list-style-type: none"> Stabilization of antibodies, peptides, and vaccines for injection Additive for culture medium (Ex: Stem cells) Preservation of platelets 	<ul style="list-style-type: none"> 1kg PE bag 20kg PE bag in a carton box 20kg PE bag in a plastic container 	<ul style="list-style-type: none"> JP USP-NF Ph. Eur. 	<ul style="list-style-type: none"> US Type IV DMF Halal
TREHALOSE 100PH	99.0~101.0%	<ul style="list-style-type: none"> Additive for oral solutions (Ex: stabilizer, taste improver, solubility enhancer for minerals) Excipient for solid oral dosage forms (Ex: Tablets) 	<ul style="list-style-type: none"> 20kg PE bag in a carton box 	<ul style="list-style-type: none"> JP USP-NF Ph. Eur. 	<ul style="list-style-type: none"> Halal

HIGH PURITY MALTOSE

Product Name	Purity/Other	Application	Packaging	Regulatory Approval	Others
MALTOSE PH	Not less than 98.0% /Low Endotoxin	<ul style="list-style-type: none"> Active ingredient for infusion fluid Solubility enhancer and stabilizer of freeze-dried anti-cancer agents for injection Stabilizer of Immunogloblins 	<ul style="list-style-type: none"> 25kg PE bag in a carton box 	<ul style="list-style-type: none"> JP 	<ul style="list-style-type: none"> US Type II DMF Halal
MALTOSE PH (Millied)	Not less than 98.0% /Low Endotoxin	<ul style="list-style-type: none"> Solubility enhancer and stabilizer of freeze-dried anti-cancer agents for injection Stabilizer of Immunogloblins 	<ul style="list-style-type: none"> 25kg PE bag in a carton box 	<ul style="list-style-type: none"> JP 	<ul style="list-style-type: none"> Halal

PULLULAN

Product Name	Purity/Other	Application	Packaging	Regulatory Approval	Others
PULLULAN	—	<ul style="list-style-type: none"> Additive for solid oral dosage forms (Ex: Binder, Tablet coating, Granulation) Film 	<ul style="list-style-type: none"> 10kg PE bag in a carton box 	<ul style="list-style-type: none"> JP USP-NF Ph. Eur. 	<ul style="list-style-type: none"> Kosher, Halal
PULLULAN (Fine Powder)	Reference particle size: Not less than 95% pass 250µm	<ul style="list-style-type: none"> Additive for solid oral dosage forms (Ex: Binder, Tablet coating, Granulation) Film 	<ul style="list-style-type: none"> 10kg PE bag in a carton box 	<ul style="list-style-type: none"> JP USP-NF Ph. Eur. 	<ul style="list-style-type: none"> Kosher, Halal

