

- Food
(Bulk Powder/Extract)
- Cosmetic
(Extract)

JAPAN

Upcycling

Technical
Data

『 SPF Porcine Placenta Bulk Powder · Extract · Umbilical Cord Extract 』

SPF Porcine Placenta with Solid Management



Placenta raw material is collected from carefully selected pig farms in Japan with excellent quality control and hygiene management, and through direct contract.

Using only the domestically produced SPF pigs, and the raw materials are heat treated (to inactivate viruses, etc.) during the manufacturing process, so you can use them with confidence.

■ Expected Function

- ◎ Internal use: strength liver & body, anti-fatigue, adjusting autonomic nerves, adjusting endocrine, and immunopotentiative action.
- ◎ External use: whitening effect, activating skin metabolism.

■ Uses

	『Bulk Powder』	『Extract (for food)』	『Extract』 『Extract PF』 『Umbilical Cord Extract』 『Umbilical Cord Extract PF』
Uses	◎ Nutrition supplements	◎ Drinks	◎ Cosmetics

■ Indication & Composition

	『Bulk Powder』	『Extract (for food)』	*Numbers are just an analysis example. It does not guarantee the content of the product.			
Indicated name	Placenta Extract Powder (Porcine) 100%	Placenta Extract (Porcine) 80.0% Ethanol 20.0%				
	『Extract』	『Extract PF』	『Umbilical Cord Extract』	『Umbilical Cord Extract PF』		
Indicated name	Placenta Extract (Porcine) 1.250% Ethanol 5.000% Methylparaben 0.225% Propylparaben 0.025% Water 93.500%	Placenta Extract (Porcine) 1.250% 1, 2-Hexandiol 3.250% Phenoxyethanol 0.250% Water 95.250%	Umbilical Cord (Porcine) 1.250% Ethanol 5.000% Methylparaben 0.225% Propylparaben 0.025% Water 93.500%	Umbilical Cord Extract (Porcine) 1.250% 1, 2-Hexandiol 3.250% Phenoxyethanol 0.250% Water 95.250%		
INCI name	PLACENTAL EXTRACT ALCOHOL METHYLPARABEN PROPYLPARABEN WATER	PLACENTAL EXTRACT 1, 2-HEXANEDIOL PHENOXYETHANOL WATER	UMBILICAL EXTRACT ALCOHOL METHYLPARABEN PROPYLPARABEN WATER	UMBILICAL EXTRACT 1, 2-HEXANEDIOL PHENOXYETHANOL WATER		

■ Quality Standard Composition

	『Bulk Powder』	『Extract (for food)』	『Extract』 『Extract PF』 『Umbilical Cord Extract』 『Umbilical Cord Extract PF』
Property	Dark yellow to dark brown powder with original scent	Clear to light yellow clear liquid with original scent	Clear to light yellow clear liquid with original scent
Loss on drying	Less than 8.0%	—	—
Ignition residue	Less than 8.0%	Less than 1.0%	Less than 1.0%
Total nitrogen	10~14%	0.20~0.30%	0.20~0.30%
Viable count of bacteria	Less than 1,000 pcs/g	Less than 100 pcs/ml	Less than 100 pcs/ml
Coliforms	Negative	Negative	Negative

■ Other

	『Bulk Powder』	『Extract (for food)』	『Extract』 『Extract PF』 『Umbilical Cord Extract』 『Umbilical Cord Extract PF』
Quantity	1kg aluminium bag	1 ℓ light shading bottle	1 ℓ light shading bottle
Storage condition	Keep in cool dry place	Keep in cool dry place	Keep in cool dry place

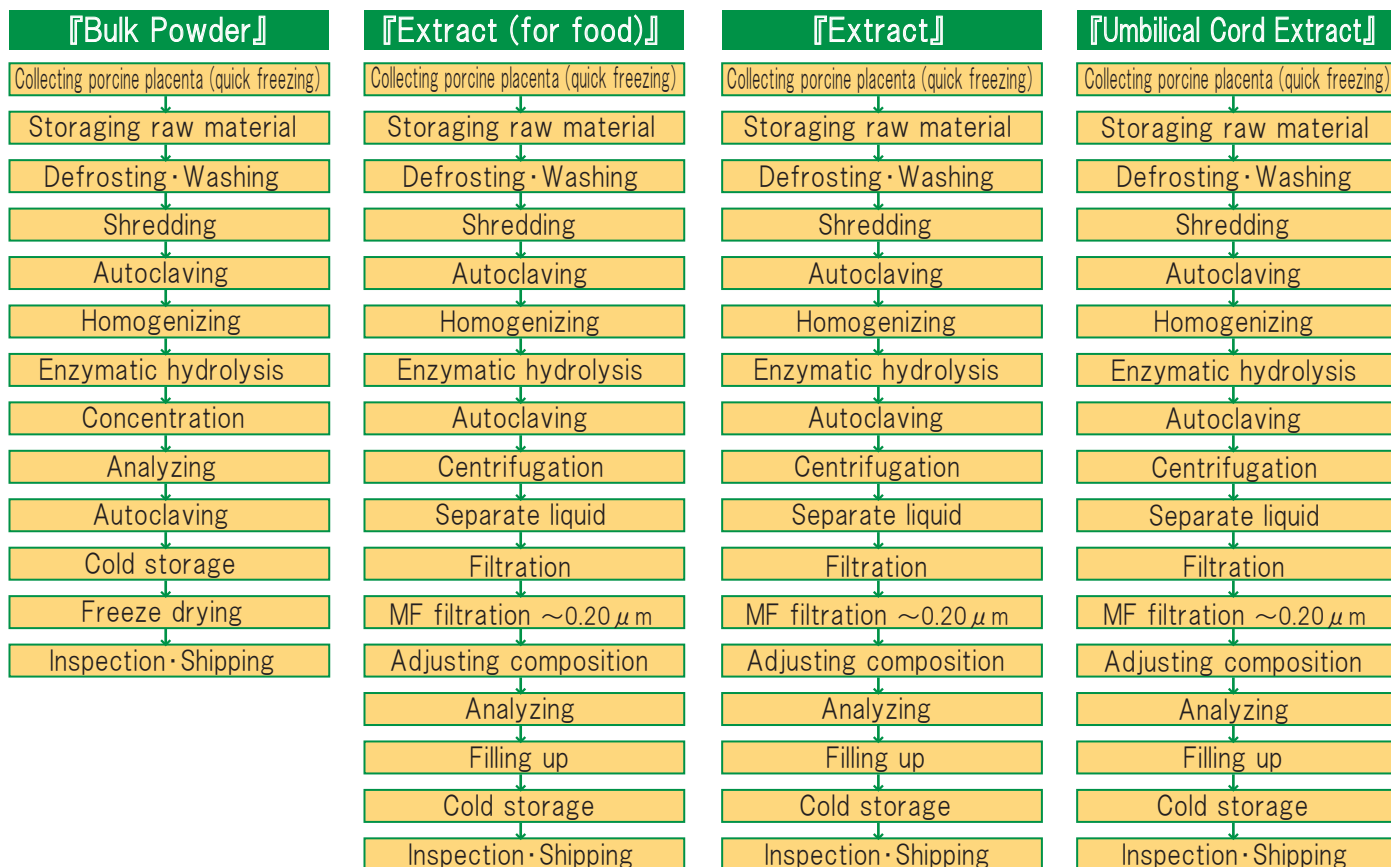
Company Information

Ver.2304

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■ Production Process



■ Composition of Amino Acid (Chemical analysis) Value

	『Bulk Powder』 (g/100g)	『Extract (for food)』 (mg/100g)	『Extract』 (mg/100g)	『Umbilical Cord Extract』 (mg/100g)
Arginine	4.83	69	65	73
Lysine	4.61	90	82	87
Histidine	1.94	28	29	31
Phenylalanine	2.96	29	31	32
Tyrosine	1.99	18	19	18
Leucine	5.43	91	98	92
Isoleucine	2.10	34	35	27
Methionine	1.12	16	15	15
Valine	3.56	67	71	69
Alanine	5.01	112	116	115
Glycine	8.06	178	180	167
Proline	5.12	100	99	89
Glutamic acid	8.66	181	184	161
Serine	3.06	63	56	58
Thereonine	2.72	52	53	45
Aspartic acid	6.37	117	111	113
Tryptphan	0.73	2	2	1
Cystine	0.77	7	7	7

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