(Extract)

■ Cosmetic

Technical Data

SPF Porcine Placenta Bulk Powder · Extract · Umbilical Cord Extract J

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

- O 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 Powde	r_]	『Extract (for f	ood)』				
Indicated name Placenta Extract Powder (Porcine) 100%		Placenta Extract (Porcin	ne) 80.0%	*Numbers are just an analysis example. It does not guaruntee the content of the product.				
			Ethanol	20.0%	it does not guardinee the content of the product.			
	[Extract]		『Extract Pf	-]	『Umbilical Cord E	xtract』	『Umbilical Cord Ext	ract PF』
	Placenta Extract (Porcine)	1.250%	Placenta Extract (Porcine	1.250%	Umbilical Cord (Porcine	1.250%	Umbilical Cord Extract (Porcine	9) 1.250%
	Ethanol	5.000%	1, 2-Hexandiel	3.250%	Ethanol	5.000%	1, 2-Hexandiol	3.250%
Indicated name	Methylparaben	0.225%	Phenoxyethanol	0.250%	Methylparaben	0.225%	Phenoxyethanol	0.250%
	Propylparaben	0.025%	Water	95.250%	Propylparaben	0.025%	Water	95.250%
	Water 9	93.500%			Water	93.500%		
	PLACENTAL EXTRAC	T	PLACENTAL EXTRAC	CT	UMBILICAL EXTRACT	-	UMBILICAL EXTRACT	
	ALCOHOL		1, 2-HEXANEDIOL		ALCOHOL		1, 2-HEXANEDIOL	
INCI name	METHYLPARABEN		PHENOXYETHANOL		METHYLPARABEN		PHENOXYETHANOL	
	PROPYLPARABEN		WATER		PROPYLPARABEN		WATER	
	WATER				WATER			

Quality Standard Composition

	[Bulk Powder]	<pre>[Extract (for food)]</pre>	FExtract] FExtract PF] FUmbilical Cord Extract] FUmbilical Cord Extract PF]
Property	Dark yellow to dark brown	Clear to light yellow clear	Clear to light yellow claer liquid
	powder with original scent	liquid with original scent	with original scent
Loss on drying	Less than 8.0%	_	_
Iginition 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]	<pre>[Extract (for food)]</pre>	<pre>[Extract] [Extract PF] [Umbilical Cord Extract] [Umbilical Cord Extract PF]</pre>
Quantity	1kg alminium 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

North Life Co.,Ltd.

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

Technical Data

■ Production Process

[Bulk Powder]	<pre>[Extract (for food)]</pre>	[Extract]	[Umbilical Cord Extract]
Collecting porcine placenta (quick freezing)			
Storaging raw material	Storaging raw material	Storaging raw material	Storaging raw material
Defrosting · Washing	Defrosting · Washing	Defrosting · Washing	Defrosting · Washing
Shredding	Shredding	Shredding	Shredding
Autoclaving	Autoclaving	Autoclaving	Autoclaving
Homogenizing	Homogenizing	Homogenizing	Homogenizing
Enzymatic hydrolysis	Enzymatic hydrolysis	Enzymatic hydrolysis	Enzymatic hydrolysis
Concentration	Autoclaving	Autoclaving	Autoclaving
Analyzing	Centrifugation	Centrifugation	Centrifugation
Autoclaving	Separate liquid	Separate liquid	Separate liquid
Cold storage	Filtration	Filtration	Filtration
Freeze drying	MF filtration ~0.20 μ m	MF filtration ~0.20 μ m	MF filtration ~0.20 μ m
Inspection Shipping	Adjusting composition	Adjusting composition	Adjusting composition
	Analyzing	Analyzing	Analyzing
	Filling up	Filling up	Filling up
	Cold storage	Cold storage	Cold storage
	Inspection Shipping	Inspection Shipping	Inspection Shipping

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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