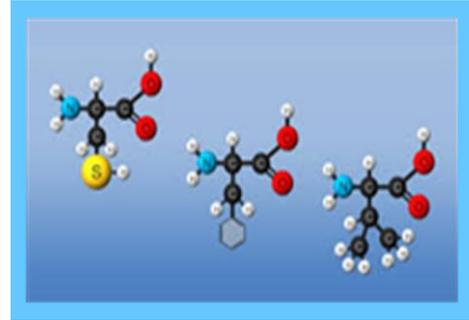


TECHNICAL DATA SHEET

AMINOBLITZ™

(Amino Acid Blend for Hair & Skin Care)



GENERAL DESCRIPTION FOR RAW MATERIAL

AMINOBLITZ is a highly concentrated biotechnological raw material enriched with 17 essential and non-essential amino acids, offering a remarkable 10% total amino acid content. This advanced ingredient is designed to deliver profound benefits for both skin and hair care applications. **For the skin**, AMINOBLITZ provides the building blocks necessary for maintaining structural proteins such as collagen, elastin, and filaggrin, which are crucial for skin firmness, elasticity, and barrier function. Key amino acids like glycine, serine, and proline contribute to the formation of natural moisturizing factors (NMFs), promoting optimal hydration and integrity of the stratum corneum.

When it comes **to hair care**, AMINOBLITZ plays a vital role in promoting scalp health and hair vitality. The scalp is the foundation for strong and healthy hair growth, and this ingredient offers targeted support to the dermal papilla and follicular epithelium. Cysteine and methionine are crucial for keratin synthesis, enhancing hair strength, elasticity, and shine. The formula also includes histidine, which helps balance pH levels and manage excessive sebum production, reducing scalp irritation and promoting a balanced scalp environment. Glutamic acid and aspartic acid contribute to cellular detoxification, shielding the scalp from oxidative stress and improving overall follicular function. The hydration benefits extend to the hair as well, enhancing moisture retention, reducing frizz, and improving hair manageability. By delivering essential nutrients to both the scalp and hair shaft, AMINOBLITZ ensures a holistic approach to scalp and hair care, supporting thicker, healthier hair growth and enhancing the overall look and feel of hair.

Technical Information:

Appearance	Clear Brown Liquid
Odor	Characteristic
pH	7-8
Density	1.031g/ml
Total Bacterial Count	NMT 100cfu/g
Yeast & Molds	NMT 10cfu/g

Product Pic :



AMINOBLITZ™ - AMINO ACID PROFILE			
Amino Acids	Amino Acid (g/100ml)	Amino Acids	Amino Acid (g/100ml)
Aspartic Acid	0.718	Cysteine+Cystine	0.225
Serine	0.452	Tyrosine	0.333
Glutamic Acid	1.52	Valine	0.486
Glycine	0.656	Methionine	0.143
Histidine	0.118	Lysine	0.1229
Arginine	0.181	Isoleucine	0.344
Threonine	0.761	Leucine	0.6077
Alanine	0.482	Phenylalanine	0.41
Proline	0.6635		

Processing & Dosage

The recommended dosage of AMINOBLITZ™ (AMINO ACID COMPLEX) is 1.0% ~ 5.0%, is a water-soluble active ingredient. In order not to disturb the structure and conformation of the actives, it is recommended to incorporate it into formula at the last phase of the formulation at about 40 °C.

Storage & Shelf life

AMINOBLITZ™ (AMINO ACID COMPLEX) should be stored at room temperature in a tightly closed and lightproof package. If stored in these appropriate conditions the shelf life is at least 24 months. Once the original packing is opened, it is highly recommended to use at once.

Safety information

Amino acid supplements are used to enhance protein intake in the body and to assist in recovery of muscle tissue after exercise. Also, with its properties, AMINOBLITZ™ (AMINO ACID COMPLEX) can be used in all kind of skin care cosmetics for moisturizing and anti-aging, and in all kinds of formulations for hair care and body care.

PRODUCT INFORMATION

TRADE NAME : AMINOBLITZ™	
INCI NAME	COMPOSITION
WATER	89% Max
AMINO ACIDS COMPLEX	10% Max
PHENOXYETHANOL & ETHYL HEXYL GLYCERINE	1% Max



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