Single amino acids

Dr. Schär offers a comprehensive range of single amino acids to be used in the dietary management of inborn errors of protein metabolism. The single amino acids in powder form are suitable from birth.

Dr Schär
MEDICAL NUTRITION

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Single amino acids – product overview

	Product	Packaging Size	Suitability	Amino Acid Content	Form	Indication
	**L-Arginine**	100 g bottle	from birth	100 g L-Arginine	powder	Urea cycle disorders: HHH syndrome (hyperornithinaemia-hyperammonaemia-homocitrullinaemia syndrome), delta 1-pyrroline-5-carboxylate synthase deficiency, type II citrullinaemia (citrine deficiency, adult form)
	**L-Citrulline**	100 g bottle	from birth	100 g L-Citrulline	powder	Urea cycle disorders: HHH syndrome (hyperornithinaemia-hyperammonaemia-homocitrullinaemia syndrome), lysinuric protein intolerance (LPI), mitochondriopathies
	**L-Cystine**	100 g bottle	from birth	100 g L-Cystine	powder	Disorders of amino acid metabolism: homocystinuria and other diseases
	**Glycine**	100 g bottle	from birth	100 g Glycine	powder	Disorders of amino acid metabolism: organic aciduria (isovaleric acidaemia and 3-methyl-crotonylglycinuria) and serine deficiency diseases
	**L-Isoleucine**	100 g bottle	from birth	100 g L-Isoleucine	powder	Hereditary disorders of amino acid metabolism: maple syrup urine disease (MSUD), isovaleric acidaemia, 3-methyl-crotonylglycinuria, methylmalonic acidaemia, propionic acidaemia
	**L-Leucine**	100 g bottle	from birth	100 g L-Leucine	powder	Leucine deficiency due to a low-protein diet, methylmalonic acidaemia, propionic acidaemia and hyperammonaemia treated with sodium phenylbutyrate (Buphenyl®, Ammonaps®)
	**L-Lysine**	100 g bottle	from birth	80 g L-Lysine	powder	Lysine deficiency due to an inborn transporter defect and hyperornithinaemia with gyrate atrophy
	**L-Methionine**	100 g bottle	from birth	100 g L-Methionine	powder	Hereditary disorders of amino acid metabolism such as urea cycle disorders and other diseases
	**L-Ornithine**	100 g bottle	from birth	79 g L-Ornithine	powder	Hereditary disorders of amino acid metabolism and other diseases in which a supplementation with L-Ornithine is required, such as urea cycle disorders
	**L-Phenylalanine**	100 g bottle	from birth	100 g L-Phenylalanine	powder	Hereditary disorders of amino acid metabolism and other diseases such as tyrosinaemia treated with a low-protein diet
	**L-Serine**	100 g bottle	from birth	100 g L-Serine	powder	Hereditary disorders of amino acid metabolism and other diseases such as serine deficiency disorders
	**L-Tyrosine**	100 g bottle	from birth	100 g L-Tyrosine	powder	Hereditary disorders of amino acid metabolism and other diseases such as hyperphenylalaninaemia and phenylketonuria due to phenylalanine hydroxylase defects
	**L-Valine**	100 g bottle	from birth	100 g L-Valine	powder	Hereditary disorders of amino acid metabolism and other diseases such as maple syrup urine disease (MSUD), isovaleric acidaemia, 3-methyl-crotonylglycinuria, methylmalonic acidaemia and propionic acidaemia
	**L-Carnitine**	200 g bottle	from birth	136,4 g L-Carnitine	powder	Primary or secondary carnitine deficiency as well as detoxification in congenital metabolic disorders and for use in the ketogenic diet
	**L-Carnitine**	97,6 g bottle	from 6 years of age	55,9 g L-Carnitine	160 capsules at 341 mg L-Carnitin	Primary or secondary carnitine deficiency as well as detoxification in congenital metabolic disorders