

Amino Acid Profile

Essential Whey 60

Essential Amino Acids g/100g Protein

Isoleucine	3.7
Leucine	6.2
Lysine	5.5
Methionine	1.2
Phenylalanine	2.0
Threonine	4.1
Tryptophan	2.2
Valine	1.1

Non-Essential Amino Acids g/100g Protein

Alanine	2.9
Arginine	1.4
Aspartic Acid	6.2
Cystine/Cysteine	0.7
Glutamic Acid	10.1
Glycine	1.1
Histidine	1.0
Proline	3.9
Serine	3.1
Tyrosine	1.8

Certificate of Analysis

Essential Whey 60

PRODUCT ANALYSIS CERTIFICATE

WPC 60

Lot number: 360
Production date: 11.02.10

Analysis	Result	Unit	Method
<u>Chemical</u>			
Protein (Nx6,38 - as is)	59.9	%	ISO 8968-1:2001
Lactose	28.1	%	calculated by difference
Fat	4.0	%	ISO 1211:1999
Moisture	3.8	%	ISO 5550:2006
Ash	4.2	%	ISO 5984:2002
<u>Physical</u>			
pH (10% at 20 °C)	6.6		electrochemical
Bulk density	543	g / l	ISO 8967:2005
Filtration test	A		ISO 8156:2005
Colour	white / cream		
Taste	typical		
Odour	typical		
<u>Microbiological</u>			
Total plate count	8.500	cfu/g	ISO 4833
Enterobacteriaceae	negative	/g	ISO 21258-2
E. coli	negative	/g	ISO 16649-2
Salmonellae	negative	/250 g	ISO 6579
Moulds	< 10	cfu/g	ISO 7954
Yeasts	< 10	cfu/g	ISO 7954