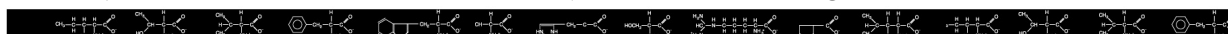
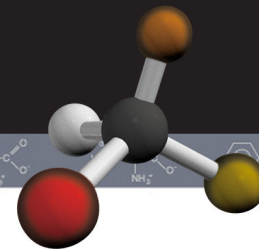


Specifications Amino Acid Mix IBCAA

SECTION I: GENERAL INFORMATION			Date: 4-24-08
Recommended Storage Conditions and Retest Date information:			
Store in dry place and away from strong odors at ambient temperature.			
Retest date for this material is 24-months (2-years) from the date of manufacture.			
SECTION II: Specifications			
Item	Unit	Limit	Comment
Appearance		Pass	Matches reference standard
Loss on Drying	%	≤ 1.0	
Amino Acid Composition	%		Each lot tested to confirm formulation in Section III
SECTION III: Formulation			
Item	Unit	Limit	
Amino Acid Content	Unit	+10 %	Midpoint target
L-Leucine	%	45.00~55.00	49.70
L-Isoleucine	%	22.50~27.00	24.85
L-Valine	%	22.50~27.00	24.85
Lecithin	%	0.30~0.90	0.60
Total			100.00





Specifications Amino Acid Mix IBCAA

SECTION IV: Microbiology		
Item	Unit	Limit
Escherichia Coli		Negative by test
Salmonella		Negative /25g
Aerobic Plate Count	cfu/g	≤ 10000
Yeast and Mold	cfu/g	≤ 1000
Staphylococcus aureus		Negative by test

