



CERTIFICATE OF ANALYSIS

Branched-Chain Amino Acid's 2:1:1 [Leucine:Isoleucine:Valine]

Lot Number: 20110401

Manufacturing Date: 4/2011

Expiration Date: 4/2014

Results Data

<u>Item</u>	<u>Specifications</u>	<u>Test Result</u>
Description:	White, Crystalline powder	Conforms
Assay:	98.0 - 102.0%	Conforms
pH:	5.0 - 7.0	Conforms
Loss on Drying:	≤ 0.3%	< 0.3%
Residue on Ignition:	≤ 0.1%	< 0.1%
Heavy Metals:	≤ 10 ppm	< 10 ppm
Chloride:	≤ 0.02%	< 0.02%
Arsenic:	≤ 2 ppm	< 2 ppm

Microbiological Data

Total Plate Count:	≤ 1,000 cfu/g	Conforms
Yeast & Mold:	≤ 100 cfu/g	Conforms
E.coli:	Negative	Conforms
Salmonella:	Negative	Conforms