

Certificate of Analysis

Product: Casamino Acids

Catalog No.: 3060012; 3060022; 3060032; 3060042

Lot No.: 33753

Formula: N/A

CAS #: N/A

Physical Description: Powder

Formula Weight: N/A

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Source	Bovine	Passes
Total Nitrogen	~8.2%	Passes
Amino Nitrogen	~6.1%	Passes
Ash Content	~35%	Passes
Loss on Drying	≤5%	Passes
pH (2% aq soln)	5.0 - 7.0	Passes
Chlorides (as NaCl)	~35%	Passes
Standard Plate Count	≤10,000/g	Passes
Salmonella	Negative	Passes
Coliform	Absent	Passes



02/19/2013 - Christina Marotta
QBioGene/MP Biomedicals, LLC
Technical Director

MSDS available online at www.mpbio.com