

Certificate of Analysis

Ajinomoto CELLiST Korea Co., Inc.
105, Jisikgiban-ro, Yeonsu-gu, Incheon 21991, KOREA

Product Name : Glycyl L-Tyrosine dihydrate
Lot No. :
Manufacturing Date :
Expiration Date :

Test result

Test	Specification	Method	Result	Unit
Appearance *	White powder	Visual inspection		
Identification(Raman spectrum) *	Conforms to reference spectrum	In house		
Specific rotation	+46.0 ~ +50.0°	USP<781S>		°
Chloride(Cl)	Not more than 0.02%	USP<221>		%
Sulfate(SO ₄)	Not more than 0.02%	USP<221>		%
Ammonium(NH ₄)	Not more than 0.02%	USP		%
Iron(Fe)	Not more than 0.002%	USP<241>		%
Heavy metals(Pb)	Not more than 10ppm	USP<233>		ppm
Water	10.0 ~ 16.0%	USP<921>		%
Residue on ignition	Not more than 0.3%	USP<281>		%
Related substances *				
Tyrosine	Not more than 1.5%	USP		%
Glycine	Not more than 1.0%	USP		%
Assay	98.0 ~ 102.0%	USP<541>		%
Organic Volatile Impurities				
Ethanol	Not more than 0.5%	USP<467>		%
Endotoxin *	Reference	In house		EU/g
Viable Microbe count (TAMC) *	Not more than 100CFU/g	In house		CFU/g
Viable Microbe count (TYMC) *	Not more than 20CFU/g	In house		CFU/g

Judgment

«Note»

The test attributes marked as * were performed by ACK.

Other testing attributes were reported based on the Test report of subcontractor provided.

The catalog No. of 20 kg product is 215GLT-20KG.