

Lot#01114-08



PT CHEIL JEDANG INDONESIA

Menara Jamsastek 21st Floor
Jl. Jend. Gatot Subroto Kav.38
Jakarta 12710, Indonesia
Tel : (021) 5299 5000
Fax : (021) 5299 5192 - 94

April 19, 2014

CERTIFICATE OF ANALYSIS

We PT. Cheil Jedang Indonesia, hereby certify that 17.6 MT of L-Tryptophan shipped by Kamata V.1405N / Hyundai Faith V.038E on about April 19, 2014 has following analytical data :

Commodity : L-Tryptophan
Lot Number : ACAC140409 - ACAC140410 - ACAC140412
Production Date : April 9, 2014 - April 10, 2014 - April 12, 2014
Packaging : K/P 10 Kgs/ Bag
Destination : Minneapolis, MN
Po No : 4590625529
Issued by Beneficiary : PT. Cheil Jedang Indonesia

1. Specification :

No.	Item	Unit	Standard	Result			Method
				Apr.9.2014	Apr.10.2014	Apr.12.2014	
1	L-Tryptophan	%	98 min.	98.20	98.00	98.1	HPLC
2	Loss on Drying	%	1 max.	0.05	0.04	0.03	Dry Oven

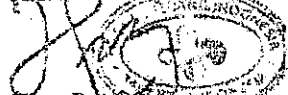
2. Others information :

1	Residu on ignition	%	1 max.	0.15	0.14	0.10	Furnace
2	Sulphate (SO4)	%	0.2 max.	0.03	0.03	0.03	Ion Chromatography
3	Chloride (Cl)	%	0.2 max.	0.001	0.001	0.001	Ion Chromatography
4	Ammonium	%	0.2 max.	0.03	0.03	0.01	Kjeldahl
5	Expired	Year	3 (three)	Apr.8.2017	Apr.9.2017	Apr.11.2017	Good storage

CONTAINER NO.	LOT NUMBER	MANUFACTURING DATE	QTY/MT	BAGS
BMOU 2890 353	ACAC140409	April 9, 2014	3.6	360
	ACAC140410	April 10, 2014	11.4	1140
BSIU 2430 137	ACAC140412	April 12, 2014	2.6	260

The undersigned affirms that content mentioned above are truly reported in accordance with the analysis by Quality Assurance section.

Manufactured by PT Cheil Jedang Indonesia


Harry Dwi Laksono
Manager