OLAM VIET NAM LTD.
Le Duan Street, Nghia Tan Ward, Gia Nghia Town, Dak Nong Province, Vietnam

CERTIFICATE OF ANALYSIS

Product	**Cashew Nut W240**		
Lot Number	6600017080/5	**Quantity**	700 cartons
Production Date	08/07/2019	**Expiry Date**	08/07/2021
Name of Manufacturer	OLAM VIETNAM LTD. *Le Duan Street, Nghia Tan Ward, Gia Nghia Town, Dak Nong Province, Vietnam* *Tel: (84-28) 35210740/ Fax: (84-8) 35210763*		

Physical Parameters

Parameter	Results	Limits	Test Method
Flavor/ Odor	Typical of blanched cashew, No off odor	Typical of blanched cashew, No off odor	As per In-house SOP
Appearance/ Colour	Whole Cashew Light yellow, Pale ivory, White	Whole Cashew White, pale ivory, light ash gray, light yellow	
Grade (count per lb)	240	220 - 240	As per current AFI Method
Insect Damage	Not detected	0.5% Max	
Mold, rancidity, decay	Not detected	0.5% Max	
Foreign Matter	Not detected	0.01% Max	
Lower Size	4.3	10.0% Max	
Broken	5.0	10.0% Max	
Defects	8.0	8.0% Max	

Chemical Parameters

Parameter	Results	Tolerance	Test Method
Moisture	4.5	5.0% Max	IR/Halogen Moisture Analyzer
FFA *Free fatty acid content as oleic acid*	0.29	1.5 *%(w/w)* Max	ISO 660:2009
Peroxide Value	Not detected	5.0 *meq/kg* Max	ISO 3960:2007
Aflatoxin B1	Not detected	8.0 ppb Max	ToxiMet in House
Aflatoxin B1 + B2 + G1 + G2	Not detected	10.0 ppb Max	

Microbiological Parameters

Parameter	Results	Tolerance	Test Method
TPC	50	10000 cfu/g Max	Petrifilm (AOAC 990.12)
Yeast	Not detected	500 cfu/g Max	Petrifilm (AOAC 997.02)
Mold	Not detected	500 cfu/g Max	Petrifilm (AOAC 997.02)
E. coli	Not detected	<10 cfu/g	Petrifilm (AOAC 991.14)
Coliforms	Not detected	<10 cfu/g	Petrifilm (AOAC 991.14)
Enterobacteriaceae	Not detected	10 cfu/g Max	Petrifilm (AOAC 2003.01)
Staph Aureus	Not detected	100 cfu/g Max	Petrifilm (AOAC 2003.07; 2001.05)

OLAM VIETNAM LTD.
Authorized Signatory