

## Certificate of Compliance for Food Contact Materials of GrainPro Cocoon Lite

### 1° Material description

*Cross laminated with Polyethylene (PE) with barrier, 205gsm, white color.*

- Lightweight storage system for a wide range of commodities
- Preserves the quality of stored commodities
- Installation demands little infrastructure
- Can be stored at ambient temperature instead of energy consuming cold storage

### 2° Intended food contact

Type of food: *Seeds and other dry agricultural commodities*

Description of the suitability for food contact, suitable for:

- *Dry food*
- *Dry and non-fatty food*
- *Fatty food*

### 3° Legal compliance

a) **FDA**

**DO COMPLY** with the US Food and Drug Administration (FDA) 21 CFR 177.1520 Clause (c) (2.1) .

With reference to CFR Title 21, Pt 177.1520, below were actual values obtained:

Test Item(s)	Unit	Method	MDL	Result	Limit	Remarks
Maximum Extractable fraction (n-Hexane, 50 degC, 2hr.)	%	According to US FDA 21CFR 177.1520 (2019)	0.1	0.391	5.5	PASS
Maximum soluble fraction (xylene 25 degC, 2hr.)	%	According to US FDA 21CFR	0.1	7.28	11.3	PASS

b) **EU10/2011 Overall Migration**

**DO COMPLY** with the EU 1935/2004.

With reference to EU 10/2011, below were actual values obtained:

Test Item(s)	Unit	Method	MDL	Result	Limit	Remarks
Overall Migration (10% Ethanol) (3 <sup>rd</sup> Migration)	mg/d m <sup>2</sup>	With reference to EN 1186 (2002) (40 degC for 10days)	3.0	<b>not detected</b>	10	<b>PASS</b>

This certification is issued this **22<sup>nd</sup> day of May 2020** for any GrainPro customer requirement. The certificate is valid as of the date specified and it will be replaced in case of change of material composition.

Signed for and on behalf of

GrainPro Philippines, Inc.

DocuSigned by:



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**GEMMA P. DIZON**

QA Manager