

Certificate of Compliance for Food Contact Materials of GrainPro Cocoon Indoor

1° Material description

High strength Polyethylene (PE) with barrier layer, 0.100 mm thick, green color (Pantone 3385).

- Maintains freshness of commodities while in transit
- Affordable and reusable
- Convenient and easy to use and install
- Helps safe preservation and pest control without the use of toxic chemicals

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
<i>Maximum Extractable fraction (n-Hexane, 50 degC, 2hr.)</i>	%	<i>According to US FDA 21CFR 177.1520 (2019)</i>	0.1	0.655	5.5	PASS
<i>Maximum soluble fraction</i>	%	<i>According to US FDA 21CFR</i>	0.1	1.98	11.3	PASS

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b) **EU 10/2011 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 rd Migration)	mg/d m ²	With reference to EN 1186 (2002) (40 degC for 10days)	3.0	not detected	10	PASS

This certification is issued this **22nd 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