



01/12/2021

## Preventative Controls

### PROCESS CONTROL(s):

- Process Controls in place for foreign material detection and removal. Process Controls consist of loadout filter (last filter in process) and tanker inspection completed before loading.
- Steps (57) (58) CP #1 & 2 will be monitored on the Bulk Outbound Load Tag by the Tank Farm Operators daily. Any deviations will be noted on the ILC form (F01.004) and no product will ship if any CP has been compromised.
- Step (55) Annual Product Testing will be conducted on select oils for Heavy metals, PAH, Benzo(a)pyrene, Dioxin, PCBs, pesticides and other contaminants.

### ALLERGEN CONTROL(s):

- Fully refined oils do not contain allergens per FALPCA. Separate lines and storage systems are used for crude and refined oils to prevent cross contamination.
- Soy Lecithin is added to some blends in Step (54). Soy Lecithin is added in very small (<5%) quantities. Product is labeled as containing soy lecithin. Tanks are cleaned after blend. Allergen swab conducted annually to verify tank cleanout see SOP 02.027.

### SANITATION CONTROL(s):

- No Preventative Controls: All transportation, storage and production equipment are cleaned between commodity type. All cleaning is documented.

### SUPPLIER CONTROL(s):

- No Preventative Controls: Raw materials, processing aids and packaging materials are purchased from Approved Suppliers. Inbound crude oils are tested before unloading into inventory to ensure it meets Adams specification. Verification testing is conducted on processing aids and packaging materials are inspected before use. Specifications are maintained for all raw materials, processing aids and packing materials.



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**TABLE IV A – Process Control**

CP	Hazard	Limits	Monitoring				Corrective Actions	Verification	Validation	Records
			What	How	Frequency	Who				
(57) CP #1 Loadout Filter	Physical -metal	Checked after each load for FM	Loadout Filter Change	Inspection during change	After each loadout	TF Operator	If filter is compromised, HOLD product	Observation of operator, Records review of change	Annual review of Bulk Load Tags	Bulk Loadout Tag
(58) CP #2 Loadout Vessel Inspection	Physical - metal	Check before each loadout	Vessel Inspection	Inspection before loadout	Before each loadout	TF Operator	If FM, odor, moisture detected, reject vessel	Observation of operator, Records review of wash certificate	Annual review of Bulk Load Tags	Bulk Loadout Tag
(55) Annual Testing	Chemical	Chemical within regulatory limits	Annual testing of oils SOP 02.0128	Oil samples and submitted to third party laboratory	Annually	QC Manager	If oil out of limit, downgrade to soapstock or animal feed (depending on limits).	Test results	Review of test results	Test results

**TABLE IV B – Allergen Control**

CP	Hazard	Limits	Monitoring				Corrective Actions	Verification	Validation	Records
			What	How	Frequency	Who				
(54) Allergen cleanout	Soy Lecithin	Not present after cleanout	Removal of any residual	Tank Cleanout SOP 02.023	After specific blends	Operator	Document clean; hold product if doesn't occur	Record Review	Annual Allergen swab to verify clean 02.027	Swab results



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TABLE IV C- Sanitation Control

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#### TABLE IV D- Supplier Control

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