HACCP Workbook

HACCP PLAN

PT. GREENFIELDS INDONESIA

FADILAH NUR RAMADHANI S	6. / 215100500111001 / 03
FITRAH ALIFIAH	/ 215100500111007 / 06
ARETA RATIH P.	/ 215100500111013 / 11
DEBORA MARPAUNG	/ 215100500111023 / 15
AINUR ROHMA ZAHRA	/ 215100501111003 / 23
ANNISA VAYA VITRAMARDI	/ 215100501111034 / 31
REVALINA MIFTAHUL R.	/ 215100507111006 / 35

KELAS RE

HACCP WORKBOOK

FORM 1: HACCP TEAM

: PT. Greenfields Indonesia : Mozzaralla - 1 Company/PT

Product

1100	<u> </u>		Tuoinin a	<u>-</u> 		
No	Name	Department	Training that has been attended	Education	Experience	Position
1	Fadilah Nur			Distantantant	7 vaces in avality	Comoral
1.		-	Food halal,	Biotechnology	7 years in quality	General
	Ramadhani S.		food safety		assurance	manager
		0 11	system	D: 1 1	department	YY 1 C
		Quality	Food safety	Biotechnology	5 years in quality	Head of
	Prameshwari	Assurance	sanitation and		assurance	department
			hygiene and		department	
			НАССР			
			training, food			
			halal			
3.	Annisa Vaya	Quality	Food safety	Biotechnology	5 years in quality	Head of
	Vitramardi	Control	system, food		control department	department
			safety			
			sanitation and			
			hygiene and			
			НАССР			
			training			
4.	Ainur Rohma	Production	Production	Biotechnology	5 years in	Head of
	Zahra		training, food		production	department
			halal and		department	
			HACCP			
			training			
5.	Fitrah Alifiah	Microbiology	Production	Biotechnology	5 years in	Head of
			training, food		microbiology	department
			halal		department	
6.	Revalina	Technical	Technical/engi	Biotechnology	•	Head of
	Miftahul R.		neering		department	department
			training, Food			
			safety system			
7.	Debora	Quality	Food safety	Biotechnology	3 years in quality	Staff
		Control	system, food		control department	
			safety		F 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	
			sanitation and			
			hygiene and			
			HACCP			
			training			
			u anning			1

Created by: Vice President Approved by: Director Dated: 28/02/2023

FORM 2:

2A. PRODUCT DESCRIPTION

Company/PT : PT. Greenfields Indonesia

Product : Mozzarella cheese

1. Product name	Mozzarella Cheese
2. Product composition	Fresh milk, culture, rennet (microbial), CaCl2, salt,
2. Troduct composition	citric acid
3. Important final product characteristics (ex:	Block-shaped with a length of 7 cm, weight 200
Aw, pH, dll)	grams. Water content 52%-60%, fat content 3-11%,
71W, p1i, Gil)	protein content 2,8%-4,8%, and pH 6,3-6,8.
4. Processing method	Pasteurization and incubated
5. Preservation method	Store at temperature -2°C - 4°C
6. Primary packer	PET plastics
7. Packaging for transportation	Cardboard box
8. Storage conditions	Store in refrigerator at temperature -2°C - 4°C
9. Shelf life	6 months
10. Distribution method	Distributed by land transportation
11. Special labeling instructions	-
12. Special supervision in distribution	-
13. Where will the product be sold?	Supermarket, seller, and consument
14. Instructions for use	Cut according to the measure, grated, then melted in
14. Instructions for use	the oven/microwave for the best melting results

Dated: 01/02/2023 Created by: Ainur Approved by: Fadilah

2B: PRODUCT COMPOSITION

Company/PT : PT. Greenfields Indonesia

Product : Mozzarella cheese

MAIN MATERIAL	Fresh milk
AUXILIARY MATERIAL	Culture
	Rennet (microbial)
	CaCl2
	Salt
	Citric acid
DRY INGREDIENT	Salt
	CaCl2
	Citric acid
PACKAGING MATERIAL	PET plastics
OTHER MATERIAL	Cardboard box

Dated: 01/02/2023 Created by: Ainur Approved by: Fadilah

FORM 3: PRODUCT USING

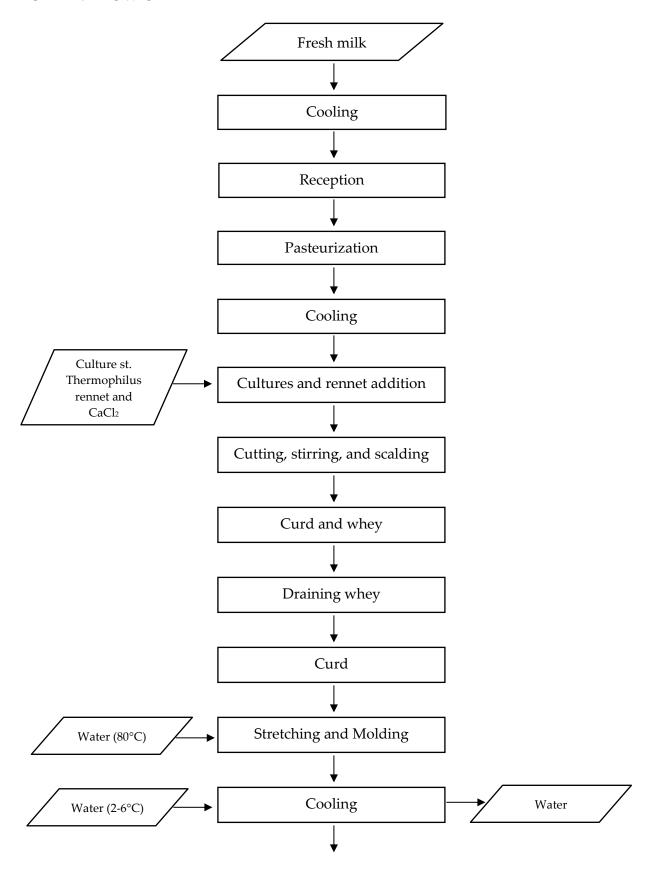
Company/PT : PT. Greenfields Indonesia

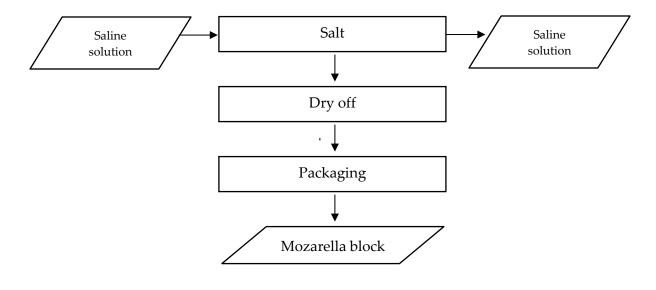
Product : Mozzarella cheese

Product name	Mozzarella Cheese
Description of how to	Cut according to the measure, grated, then melted in the
consume	oven/microwave for the best melting results
Product user	Can be consumed by consumers all of ages except toddlers

Dated: 01/03/2023 Created by: Ainur Approved by: Fadilah

FORM 4: FLOW CHART





Inspection

Need a decision

Process

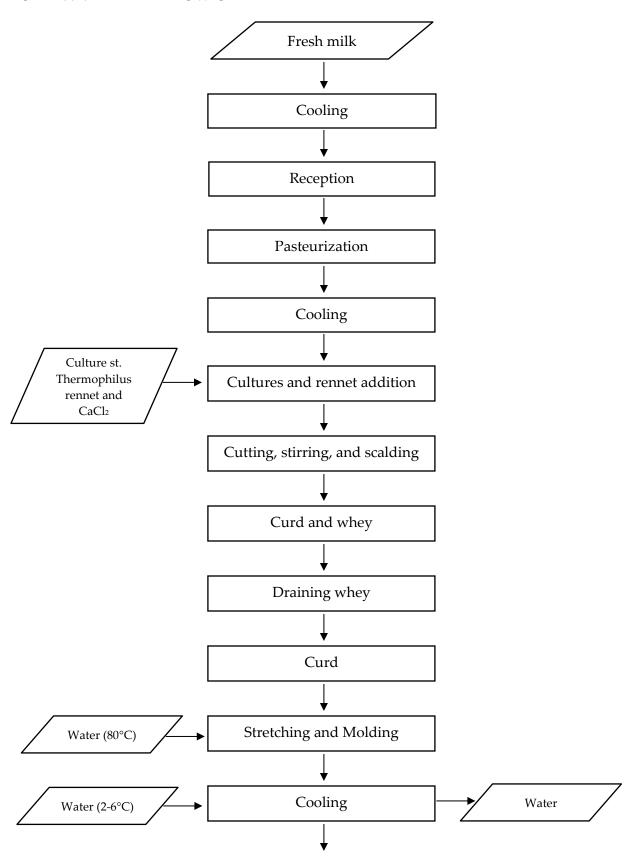
Process, Inspection

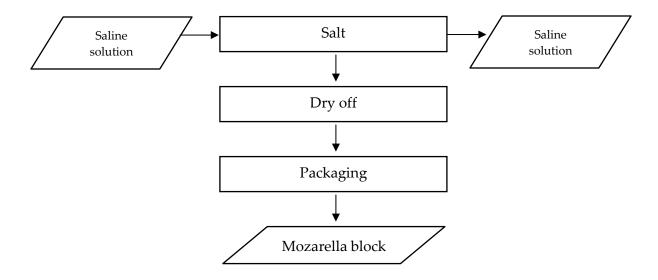
Storage

Incoming material

Transportation

FORM 5: VERIFIED FLOW CHART





Dated: 07/032023

This flowchart has been verified in the field by: Fadilah

FORM 6: PRINCIPLE 1 HAZARD ANALYSIS

Worksheet 6. Identification of Hazards, Determination of Preventive Measures and Significance of Hazards (Risks)

HACCP PLAN

Company/PT : PT. Greenfields Indonesia

Steps/Input	Hazard (M/C/P)	Hazard Type	Cause/Source/Justificati on of hazard	Action control/prevention	Opportunity (l/m/h)	Severity (L/M/H)	Significance
Reception of raw materials	Microbiology	M	,	Good Manufacturing Practices (GMP) during milk collection	Н	Н	Yes
fresh milk			pathogenic organisms such	and reception.			
from cows			as Listeria monocytogenes, Escherichia coli,				
			Staphylococcus aureus,Salmonella sp,				
			aureus,Salmonella sp, Mycobacterium, Brucella,				
			Yersinia enterocolitica, Coxiella burnetii				
	Physical	P		Raw materials testing, GMPs.	Н	Н	Yes
	Chemical	С	e v	Checking farmer and animal records	L	L	No
Milk cold storage 4°C	Microbiology		Contamination of mold and	It must be ensured that the storage must be at the desired temperature ≤4 °C	M	L	Yes
	Physical	P	Unsterile equipment	Sterilization is done before putting the milk into a storage tank	L	L	No
	Chemical						
Reception of additional ingredients (5% starter	Microbiology	M	culture, contaminant of microorganisms (pathogens	Appropriate SSOP determination and equipment sterilization must be done at all times.	Н	Н	Yes
culture, 2.5%			or spoilage psychrotrophs)				

Steps/Input	Steps/Input Hazard (M/C/P) Hazard Type Caus		Cause/Source/Justificati on of hazard	Action control/prevention	Opportunity (l/m/h)	Severity (L/M/H)	Significance
rennin	Physical	P	Cross-contamination from	Transfer the right equipment	Н	Н	Yes
enzyme, 2%			workers	and proper personal handling			
salt, water)			Element residues (metal				
			pieces of glass, hard plastic)				
	Chemical						
Pasteurization	Microbiology	M	Contaminant from microbial	Monitoring the adequacy of	Н	Н	Yes
72-73°C for 15			spores (such as Bacillus	time and temperature, paying			
seconds			cereus or Clostridium	attention to the performance of			
			perfringens, E coli, spores	measuring devices			
			heat resistant toxins (such as				
			Staphylococcus aureus				
			enterotoxin)				
	Physical	P	· · · · · · · · · · · · · · · · · · ·	Clean equipment must be	M	M	Yes
			equipment used from the	ensured before use (no dirt in the			
			• •	tool) and sterilization before and			
			foreign objects.	after use			
	Chemical						
Cooling to 4°C	Microbiology	M	Mismatch of cooling time	It must be ensured that the	Н	Н	Yes
with 5% stater			and temperature can cause				
added			•	desired temperature (in set time)			
			(spore-forming, Bacillus sp.	I - I			
			Clostridium sp, molds,				
			yeast)				
	Physical		Cross Contamination from	Operators must implement	Н	Н	Yes
	i nysicai		workers and tools	SSOP that have been	11	11	105
				determined			
				Clean equipment must be			
				ensured before use			
	Chemical			chistred before use			
Incubation	Microbiology	M	Contamination of mold and	It must be ensured that the	Н	Н	Yes
43C for 1-2				incubation must be at the	11	11	103
hours with			_	desired temperature (in set time)			
rennet enzyme			Staphylococcus aureus	· '			
and CaCl2			coliform, and Salmonella sp.				
	Dhysical		comorni, and Sannonena sp.				
	Physical Chamical						
	Chemical						

Steps/Input	Hazard (M/C/P)	Hazard Type	Cause/Source/Justificati on of hazard	Action control/prevention	Opportunity (l/m/h)	Severity (L/M/H)	Significance
Coagulation	Microbiology						
(Mixing process)	Physical	Р	Contamination from equipment used from the metal, pieces of glass, dust, foreign objects.		Н	Н	Yes
	Chemical						
Separation of whey with curd at 40°C	Microbiology	M	yeast microorganisms,	It must be ensured that the cooling must be at the desired temperature (in set time)	L	L	No
	Physical	P	Contamination of the	Clean equipment must be ensured before use (no dirt in the tool)	Н	Н	Yes
	Chemical						
Stretching and Molding by added water 1 kg (80°C)	••	M	yeast microorganisms,	It must be ensured that the cooling must be at the desired temperature (in set time)	L	L	Yes
	Physical	Р	equipment used from the metal, pieces of glass,dust,	Operators must implement SSOP that have been	Н	Н	Yes
	Chemical						
Cooling to 4°C In 1 hours	Microbiology		can cause other bacteria to	desired temperature (in set time)	Н	Н	Yes
	Physical	P	Cross Contamination from	Operators must implement SSOP that have been determined	Н	Н	Yes
	Chemical						

Steps/Input	Hazard (M/C/P)	Hazard Type	Cause/Source/Justificati on of hazard	Action control/prevention	Opportunity (l/m/h)	Severity (L/M/H)	Significance
Soaking for 2	Microbiology						
hours with salt	Physical	P	equipment used from the metal, pieces of glass,dust,	Operators must implement SSOP that have been	Н	Н	Yes
	Chemical	С	Adding too much sodium acetate can cause the cheese too harden and ripening process will slow	entering salt levels to be precise	L	L	No
Ripening at 17 18°C for 5-15 days	•	M	yeast microorganisms,	It must be ensured that the cooling must be at the desired temperature (in set time)	Н	Н	Yes
	Physical	P	equipment used from the metal, pieces of glass,dust,	Operators must implement SSOP that have been	Н	Н	Yes
	Chemical						
2°C for 48 hours	Microbiology	M	temperature can cause other bacteria to enter (spore- forming, Bacillus sp, Clostridium sp, molds,	desired temperature (in set time) Operators must implement		Н	Yes
	Physical						
	Chemical						
Packaging	Microbiology	M			M	М	Yes
	Physical	P	^	Transfer the right equipment	Н	Н	Yes

Steps/Input	Hazard (M/C/P)	Hazard Type	Cause/Source/Justificati on of hazard	Action control/prevention	Opportunity (l/m/h)	Severity (L/M/H)	Significance
			equipment used from the	and proper personal handling			
			metal, pieces of glass,dust,				
			foreign objects.				
			Cross Contamination from				
			workers				
	Chemical	С	Element residue Pb from the	Test the lead content of plastic	L	L	No
			plastic	packaging			

Dated: 13/03/2023 Created by: Revalina Approved by: Fadilah

FORM 7: DETERMINATION OF CRITICA CONTROL POINT

HACCP PLAN

Company/PT: PT. Greenfields Indonesia

Process Stage	Hazard	Cause/Source/Justificatio n of hazard	Opportunity (l/m/h)	Severity (L/M/H)	Action control /Prevention	Q1	Q2	Q3	Q4	CCC/CP	Decision Reasons
Receiving raw material	Microbiolo gy, physics, chemical	Unhealthy animals	Н	Н	Comply with SOP. Equipment sterilization must be done at all times	Y	Y	-	-	ССР	This HACCP can be done by analyzing the CCP decision tree in the cheese making process. The raw material in identification is determined as CCP.
Quality Inspectio n	Chemicals	Antibiotic residues from the feed	L	L	- (before and after) Equipment used must be sterilized	Y	Y	-	-	ССР	Based on the cheese CCP decision tree, this process stops at
	Microbiolo gy	Unsterile equipment Cross- contamination from workers	M		- Operators must implement the SOPs that have been determined						the second question which concludes the process as a CCP
Weighing milk with Milk Reception Scale	Microbiolo gy	Unsterile equipment	L	L	Sterilization of equipment before and after use	N	-	-	-	СР	Based on the cheese CCP decision tree, this process stops at the first question which concludes the process not a CCP
	Microbiolo gy	Unsterile equipment	L	L	Use of sterilized equipment	N	-	-	-	СР	Based on the cheese CCP decision tree, this process stops at the second question which concludes the process not a CCP

Process Stage	Hazard	Cause/Source/Justificatio n of hazard	Opportunity (l/m/h)	Severity (L/M/H)	Action control /Prevention	Q1	Q2	Q3	Q4	CCC/CP	Decision Reasons
Storage Tank (4 C)	Microbiolo gy	Unsterile equipment	L	L	Use of sterilized equipment and Check the	Y	N	N	-	СР	Based on the cheese CCP decision tree, this process stops at
	Physics	Temperature fluctuation		temperature regularly						the third question which concludes the process not a CCP	
Pasteuriz e 72-73°C for 15 seconds	Microbiolo gy	Contamination from tools used	Н	Н	Clean equipment must be ensured before use (no dirt in the tool)	Y	Y	-	-	ССР	Based on the cheese CCP decision tree, this process stops at the second question which concludes the process as a CCP
	Microbiolo gy, physics	Mismatch of cooling time can cause other bacteria to enter	Н	Н	It must be ensured that the cooling must be at the desired temperature (in set time)	Y	Y	-	-	ССР	Based on the cheese CCP decision tree, this process stops at the second question which concludes the process as a CCP
Incubatin g 43°C for 1-2 hours with rennet enzyme		Contamination of mold and yeast microorganisms due to mismatch of the temperature	Н	Н	The enzymes used must be known for their origin and composition and itt must be ensured that the incubation must be at the desired temperature (in set time)	Y	Y	-	-	ССР	Based on the cheese CCP decision tree, this process stops at the second question which concludes the process as a CCP
Separatio n of whey	Microbiolo gy	When separation occurs contamination of the	Н	Н	Clean equipment must be ensured	Y	Y	-	-	ССР	Based on the cheese CCP decision tree,

Process Stage	Hazard	Cause/Source/Justificatio n of hazard	Opportunity (l/m/h)	Severity (L/M/H)	Action control /Prevention	Q1	Q2	Q3	Q4	CCC/CP	Decision Reasons
with curd at 40°C		equipment used and also the mismatch of the temperature			before use (no dirt in the tool) and the separation done with the desire temperature						this process stops at the second question which concludes the process as a CCP
Soaking for 2 hours with salt	Chemical	Adding too much salt can cause the cheese to harden and the ripening process will slow		L	Salt composition must be adjusted before adding	Y	Y	-	-	ССР	Based on the cheese CCP decision tree, this process stops at the second question which concludes the process as a CCP
Packing	Microbiolo gy, Physical, Chemical	Microbial contamination, Contamination from equipment used, Element residue Pb from the plastic		М	Packing according to SOP and no contamination from outside and must be done sterile	Y	Y	-	-	ССР	Based on the cheese CCP decision tree, this process stops at the second question which concludes the process as a CCP

Date: 14/03/2023 Created by: Debora Approved by: Fadilah

FORM 8: DETERMINATION OF CRITICAL LIMITS/CL

HACCP PLAN

Company/PT : PT. Greenfields Indonesia

Product : Mozzarella Cheese

Steps/Input	Hazard	Action Control /	ССР	Critical Point
Steps/Input	Hazaru	Preventive Measurement	CCI	Critical I omit
Pasteurize 72-73°C for	Contamination from tools	Clean equipment must be ensured before use	CCP	Clean equipment must be ensured before use (no
15 seconds used		(no dirt in the tool) and sterilization before		dirt in the tool).
		and after use		
Cooling up to 4°C with	Mismatch of cooling time	It must be ensured that the cooling must be	CCP	It must be ensured that the cooling must be at the
the addition of 5%	can cause other bacteria to	at the desired temperature (in set time)		desired temperature (in set time).
starter	enter			
Incubating 43°C for 1-	Microbial contaminant	It must be ensured that the incubation must	CCP	The enzymes used must be known for their origin
2 hours with rennet		be at the desired temperature (in set time)		and composition
enzyme				
Separation of whey	When separation occurs	Apply proper SSOP and sterilize equipment	CCP	Clean equipment must be ensured before use (no
with curd at 40°C	contamination of the	before use		dirt in the tool).
	equipment used			
Soaking for 2 hours	Adding too much salt can	Workers supervise when entering salt levels	CCP	Salt composition must be adjusted before adding
with salt	cause the cheese to harden	to be precise and appropriate		
	and the ripening process			
	will slow			
Packing	Microbial contaminant	The packaging used must be new and	CCP	Packing according to SOP and no contamination
		sterilized.		from outside and must be done sterile

Date: 16/03/2023 Created by: Areta Approved by: Fadilah

FORM 9: DETERMINATION OF MONITORING PROCEDURES

HACCP PLAN

Company/PT : PT. Greenfields Indonesia

Product : Mozzarella Cheese

Steps/	TTJ	A ation Control	CCD	C-:4:1 D-:-4		Moni	toring Proced	ure	
Input	Hazard	Action Control	CCP	Critical Point	What	Where	How	When	Who
Pasteurize 72-73°C for 15 seconds	Contamination from tools used	Clean equipment must be ensured before use (no dirt in the tool) and sterilization before and after use	ССР	Clean equipment must be ensured before use (no dirt in the tool).	- External	pasteurization		Every production	Pasteurization Section
the addition	cooling time car	It must be ensured that the cooling must be at the desired temperature (in set time)		It must be ensured that the cooling must be at the desired temperature (in set time).	temperature	In the cooling area	Observed the temperature of the cooling conditions	production	Cooling section
43°C for 1-2	Microbiology, chemistry and physical	It must be ensured that the incubation must be at the desired temperature (in set time)	ССР	The enzymes used must be known for their origin and composition		At the incubation site		Every production	Incubation section
of whey with curd at 40°C	When separation occurs contamination of the equipment used	Apply proper SSOP and sterilize equipment before use	ССР	Clean equipment must be ensured before use (no dirt in the tool).	- External condition of appliance	container	Do a visual inspection	Every production	Separation section
salt	much salt car	Workers supervise when entering salt levels to be precise and appropriate	ССР	Salt composition must be adjusted before adding		Soaking process	Note the composition of the addition of salt	Every production	Immersion section
Packing	Microbial contaminant	The packaging used must be new and sterilized.	ССР	Packing according to SOP and no contamination from outside and must be done sterile	used	site	Perform a visual inspection	Every production	Packing section

Date: 23/03/2023 Created by: Areta Approved by: Fadilah

FORM 10: DETERMINATION OF CORRECTION ACTION

HACCP PLAN

Company/PT : PT. Greenfields Indonesia

Steps/	Hazard	Action Control	CCD	Critical Daint		Mon	itoring Proc	edure		Corrective Actions
Input	паzаги	Action Control	CCP	Critical Point	What	Where	How	When	Who	What & Who
15 seconds		Clean equipment must be ensured before use (no dirt in the tool) and sterilization before and after use		Clean equipment must be ensured before use (no dirt in the tool).	Linui	pasteurizati	Perform a visual inspection	Every production	Pasteurizatio n Section	To avoid the microorganism in pasteurization that is cleaning all of the tools every time it is used.
the addition of 5% starter	cooling time can cause other bacteria to enter	It must be ensured that the cooling must be at the desired temperature (in set time)		ensured that the cooling must be at the desired temperature (in set time).	·	cooling area	the temperature of the cooling conditions	Every production	section	In the cooling process bacteria can enter. So the solution is re-cooking to make bacteria die.
Incubating 43°C for 1-2 hours with rennet enzyme	chemistry and physical	It must be ensured that the incubation must be at the desired temperature (in set time)		The enzymes used must be known for their origin and composition	•	incubation site	Observing from the list of items that enter	Every production	Incubation section	In the incubating rennet enzyme the solution to correcting is to complain to suppliers that sell the rennet enzyme and contact the QC Head (Head Quality Control) and determine whether to agree or not with rennet enzyme conditions.
of whey with curd at 40°C	When separation occurs contamination of the equipment used	SSOP and sterilize equipment before		Clean equipment must be ensured before use (no dirt in the tool).	LAternal	container		Every production		When the process of separation of whey with curd can cause contamination, the corrective action is to clean tools properly every time it is used.
salt	much salt can	Workers supervise when entering salt levels to be precise and appropriate		Salt composition must be adjusted before adding		Soaking process	Note the composition of the addition of salt	Every production	section	In the process, soaking with salt if you add salt too much can make the ripening process slower and the texture will be

Steps/	Hazard	Action Control	CCD	Critical Point		Moni		Corrective Actions		
Input	Hazaru	Action Control	CCI	Citical I omi	What	Where	How	When	Who	What & Who
	will slow									hard. The corrective action is to re-cooking or downgrade.
		The packaging used must be new and sterilized.		according to	packaging used	packing site		Every production	section	The packaging process can make the packaging look bad. The corrective action is the product is destroyed or used as animal feed.

Date: 24/03/2023 Created by: Fitrah Approved by: Fadilah

FORM 11: ESTABLISHMENT OF VERIFICATION PROCEDURES

HACCP PLAN TABLE

Company/PT : PT. Greenfields Indonesia

Steps/	Hazard	Action Control	ССР	Critical		Moni	toring Proc	edure		Corrective Actions	Verification
Input				Point	What	Where	How	When	Who	What & Who	What & Who
	from tools used	Clean equipment must be ensured before use (no dirt in the tool) and sterilization before and after use		Clean equipment must be ensured before use (no dirt in the tool).	surface External condition of	Place of pasteurizati on		Every production	Pasteurizati on Section	microorganism in pasteurization that is cleaning all of the tools every	reviewed from the condition in each
5% starter	cooling time can cause other bacteria to enter	ensured that the cooling must be at the desired temperature (in set time)		ensured that the cooling must be at the desired temperature (in set time).	•	cooling area	the temperatur e of the cooling conditions		Cooling section	cooking to make bacteria die.	process is to review the condition of the cooling tool form every time used and also do the maintenance every month.
43°C for 1-	physical	It must be ensured that the incubation must be at the desired temperature (in set time)		The enzymes used must be known for their origin and composition	used	At the incubation site		Every production	Incubation section	correcting is to	rennet enzyme can review form and the receipt every month.
Separation of whey with curd at	separation	Apply proper SSOP and sterilize		Clean equipment must be	surface		Do a visual inspection		Separation section	When the process of separation of whey with curd	separation of

Steps/	Hazard	Action Control	ССР	Critical Point		Moni	itoring Proc	edure		Corrective Actions	Verification
Input				Font	What	Where	How	When	Who	What & Who	What & Who
40°C		equipment before use		ensured before use (no dirt in the tool).						can cause contamination, the corrective action is to clean tools properly every time it is used.	the separation tool for each use.
	much salt can cause the cheese to harden and the ripening	entering salt		Salt composition must be adjusted before adding		Soaking process		Every production	Immersion section	soaking with salt if you add salt too much can make the ripening process slower	the salt used for soaking is very influential. The verification is to review the salt addition form.
Packing	Microbial contaminant	The packaging used must be new and sterilized.		Packing according to SOP and no contaminatio n from outside and must be done sterile	used	On the packing site		Every production	Packing section	The packaging process can make the packaging look bad. The corrective action is the product is destroyed or used	packaging, the packaging must be tested and checked properly

Date: 26/03/2023 Created by: Fitrah Approved by: Fadilah

FORM 12: ESTABLISHMENT OF DOCUMENTATION SYSTEMS

HACCP PLAN

Company/PT : PT. Greenfields Indonesia

Product		. Mozzarena	CHE	286								
Steps/	Hazard	Action	ССР	Critical		Monit	oring Pro	cedure		Corrective Actions	Verification	Document
Input	Hazaru	Control	ССГ	Point	What	Where	How	When	Who	What & Who	What & Who	ation
e 72-73°C				Clean equipment must be ensured before use (no dirt in the tool).	surface External condition of	pasteuriz ation	Perform a visual inspection	productio	Section	microorganism in pasteurization that is cleaning all of the tools every time it is	condition in each o	stools esanitation fand
up to 4°C with the addition	other bacteria to enter	ensured that	t S	It must be ensured that the cooling must be at the desired temperature (in set time).	time temperatur	area	Observed the temperature of the cooling conditions	productio		process bacteria can enter. So the solution is re-cooking to make bacteria die.	the condition of the cooling tool forn every time used and	vtemperatur ee and time nin the dcooling eprocess.
g 43°C	y, chemistry and physical	It must be	CCP	The			Observin g from the list of items that enter	productio			For the incubating rennet enzyme can review form and the receipt every month.	the list of dentered
with curd	separation	Apply proper SSOP and sterilize		Clean equipment must be ensured	Tool surface External condition	container	Do a visual inspection	productio	Separation section	of separation of whey with curd can	separation of whey	tools nsanitation

Steps/	Hazara			Critical		Monit	oring Pro	cedure		Corrective Actions	Verification	Document
Input	паzаги	Control	CCP	Point	What	Where	How	When	Who	What & Who	What & Who	ation
	_	equipment before use		before use (no dirt in the tool).						contamination, the corrective action is to clean tools properly every time it is used.	separation tool fo each use.	esterilizatio rn.
for 2 hours with salt	much salt can cause the cheese to harden and the ripening			Salt compositio n must be adjusted before adding	addition	process		productio		In the process, soaking with salt if you add salt too much can make the ripening process	the salt used fo soaking is very influential. The verification is to review the sal addition form.	salt rcompositio yn used in ethe process
Packing		The packaging used must be new and sterilized.		_	packaging used	packing	Perform a visual inspection	productio		process can make the packaging look bad. The corrective action is the product is destroyed or used as	packaging, the packaging must be tested and checked	fworker esanitation eand dpackaging

Date: 28/03/2023 Created by: Annisa Approved by: Fadilah