

Dept.:- Production				Camlin Fine Sciences Ltd.  OPRP PLAN FOR VANILLIN				Document No. Section 4.20		
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								Prepared by:		Date:01/10/16
				Approved by:		Date:01/10/16				
Process Step	Hazard Description	OPRP	Critical Limit	Monitoring				Corrective action	Records	Verification
				What	How	Frequency	Who			
Reaction	Chemical	VAN / OPRP-1	Temperature betn. 40°C to 45°C	Temperature	Visual check on temperature indicator	Every Lot / Bimonthly	Production / maint. Officer	Rework of lot / Replacement of Temp. indicator	Calibration records & B.M.R.	Manager Production will check calibration records & B.M.R.
Crystallisation	Chemical	VAN / OPRP-2	Temperature betn. 20°C to 25°C	Temperature	Visual check on temperature indicator	Every Lot / Bimonthly	Production Officer	Rework of lot / Replacement of Temp. indicator	Calibration records & B.M.R.	Manager Production will check calibration records & B.M.R.
Filtration	Chemical	VAN / OPRP-3	Proper removal of ML	Proper pressing of cake	Visual check on complete removal of ML	Every Lot	Production Officer	Rework of lot	Preventive maintenance records & B.M.R.	Manager Production. & maint will check Preventive maintenance records & B.M.R.
Drying	Chemical	VAN / OPRP-4	Temp.= 35°C to 40°C Vacuum -650 to -750 mmofHg	Temperature / Vacuum	QC analysis / Visual check on temperature & Vacc. indicator	Every Lot / Bimonthly / Yearly	Production & Maint Officer	Rework of lot / Replacement of temperature & Vacc. indicator	Calibration records & B.M.R.	Manager Production will check calibration records & B.M.R.

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Process Step	Hazard Description	CCP	Critical Limit	Monitoring				Correction & Responsibility	Corrective action & Responsibility	Records	Verification
				What	How	Frequency	Who				
Sifter	Physical	VAN / CCP-1	2 mm size sieve, AS per WI / QC /60	Integrity of sieve	Visual Check	Every lot	Production Officer	Rework of lot / Replacement of Sieve Production, QA & Maint Officer	As per Root cause analysis. Asst. Manager- Prodn. / Maint. / QA	Sieve integrity check record / Q.C. Report	GM Production & AGM QA verifies record
Magnet Grid	Physical	VAN / CCP-2	Magnetic flux 10000 to 12000 guass / 5 PPM As per WI / PRD /45	Magnetic flux of Magnet / Iron particle	Calibration of magnet / Weighing of iron particle	Six monthly / Every Lot	Production & Maint Officer	Rework of lot / Replacement of Magnet Production, QA & Maint Officer	As per Root cause analysis. Asst. Manager- Prodn. / Maint. / QA	Calibration records & B.M.R.	GM Production & AGM QA verifies record