

## Site Quality Self-Assessment

based on

## **Rx-360 Supplier Assessment Questionnaire**

Module 2, Site Specific Information

Relevant for

Millipore Sigma Ewing Facility 545 S. Ewing Ave, St. Louis, MO 63103, USA

An affiliate of Merck KGaA, Darmstadt, Germany

The site self-assessment covers our quality management system for the following regulated applications:

- Manufacturing of chemical reagents and reagents for use in an IVD product



Merck KGaA, Darmstadt, Germany is an active member of the Rx 360 Consortium

As a trusted partner of our customers, we deliver quality - always.

Merck KGaA Corporation with General Partners Frankfurter Str. 250 64293 Darmstadt, Germany The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada.



## **Information**

This document is based on the Rx-360 Consortium's Supplier Assessment Questionnaire template, Module 2. The contents of this questionnaire are built on the Rx-360 questionnaire version 2.0 intact with no question added or deleted.

Rx-360's CEO/COO gave permission to Life Science to use the Rx-360 logo.



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## Rx-360 Supplier Assessment Questionnaire : Site-Specific Information

Please	check	here if	additional	documents	are attached.

	SECTION 1. General Site Information
1.1	Site or Facility-Specific Name: MilliporeSigma Ewing Facility
1.2	Address: 545 S. Ewing Ave St. Louis, MO 63103 USA  GPS Coordinates: Latitude: 38.627156 Longitude: -90.223748
1.3	Phone: +1 800 325-3010 or +1 314-771-5765
1.4	Email: Please refer to your Sales representative.
1.5	Fax: +1 314-771-5757
1.6	Website: www.sigmaaldrich.com

What year did the site start operating? 1986
What is the primary activity of the site? (e.g. manufacturing, distribution, etc.) Manufacturing, contract manufacturing, testing, QA, warehouse, maintanance of chemical reagents, raw materials and components
To which, if any, subdivision of the parent company does the site belong?  MilliporeSigma
N c

	SECTION 2. General Site Operating Information
2.4	Size of site (in sq. ft. or m.): 150,000 sq. ft.
2.5	Please list or attach the normal hours/schedule of the facilities, including shutdown dates (if applicable): First Shift: Monday - Friday 8 hr/day Second Shift: Monday - Thursday 10 hr/day
2.6	Total number of employees on site: 200 Operational
2.7	Total number of employees in Quality: 30 Quality Assurance and Quality Control
2.8	Total number of employees in Manufacturing: 100
2.9	What quality management system is utilized on site?  ☐ ISO 9001 ☐ ISO 13485 ☐ 21 CFR Part 210/211 ☐ 21 CFR Part 820 ☐ European GMP, Eudralex Volume 4 Part I ☐ European GMP, Eudralex Volume 4 Part II ☐ ICH Q7 ☐ HACCP ☐ ISO 22000 ☐ Other Please describe:  Which Regulatory Initiatives does the site follow/comply with? ☐ REACH ☐ RoHs ☐ Ca Prop. 65 ☐ WEEE
2.10	Does the company/site

	SECTION 2. General Site Operating Information							
2.11		rnment regulatory agency (FDA registration,						
	GMP certification, etc.)?							
	Yes No N/A If yes, please specify.							
		or Devices and Radiolgocial Health, No. 1938173						
	USDA Registration for animal der							
	The state of the s							
2.12	1 \	ulatory or third party) and list inspections within						
	the last three years:							
	FDA - 2023							
	USDA - Annually TUV SUD ISO 13485 - Annually							
	DQS ISO 9001 - 2017							
	2017							
2.13	How often, as an annual average, i	s the site audited by customers or third parties?						
	15/year							
2.14	H D 260 1'41 C							
2.14	Has an Rx-360 audit been performed at this site? Yes No							
	Please also state the date of the audit if applicable.							
	http://rx-360.org/audit-programs/							
2.15	Are you willing to have Rx-360 conduct an audit on behalf of your customers							
	according to the Rx-360 audit programs on your site?  Yes  No							
2.16	Are you willing to have your custom	ners conduct audits on your site?						
2.10	Yes No							
2.17	Please list regulatory sanctions impacting the site within the last five years (i.e.							
	warning letters, CEP suspension, im	port alerts, etc.):						
	None							
2.18	Does the site outsource any quality-related activity?							
	Yes No N/A							
	If answering yes, please specify the activities:							
	Analytical Testing activities related to microbial testing.							
2.19	Please check the supplier controls in place for this facility:							
2.19a	Quality Agreements with							
	Suppliers							

	SECTION 2. General Site Operating Information								
2.19b	Subcontractor Qualification/Audit Program	⊠ Yes		No	□ N/A				
2.19c	Periodic Review of Supplier Performance	X Yes	☐ No		□ N/A				
2.19d	Supplier Feedback Program	X Yes		No	□ N/A				
2.19e	Approved Material Supplier List	Yes		No	□ N/A				
2.19f	Approved Service Supplier List	Yes Yes		No	□ N/A				
Addit N/A	ional comments:								
	SECTION 3. Object	ionable M	aterials	on Site					
3.1	Does the site or production plant p								
	process or store any of the following	•	Yes	No	Not Applicable				
3.1a	Beta-Lactam Antibiotics								
3.1b	Steroids and/or hormones			$\boxtimes$					
3.1c	High potency compounds								
3.1d	Materials of animal origin/Biologi	cs							
3.1e	Live virus or micro-organism								
3.1f	Allergens								
3.1g	Genetically Modified Organisms (	<u> </u>							
3.1h	Agrochemicals (Pesticides, Herbic Fungicides, etc.)	ides,		$\boxtimes$					
3.1i									
	<b>SECTION 4. Cross</b>	Contamin	nation C	ontrol					
4.1	Are any of the following cross- contamination controls in place	?	Yes	No	Not Applicable				
4.1a	Dedicated Facilities			$\boxtimes$					
4.1b	Access Controls								
4.1c	Dedicated Personnel								
4.1d	Dedicated Gowning								
4.1e	Procedural Controls								
4.1f	f Other (please specify): N/A								

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A ddifional	Comments:	N / A	
Auditiona	i Comments.	1 1 / /	١

	SECTION 5. Site Operating P				
5.1	Does the site utilize the following written polici	es, prog	rams, or p	procedures?	
Site Sp	ecific:	Yes	No	Not Applicable	
5.1a	Environmental, Health, and Safety				
5.1b	Facility Environmental Control Policy	$\boxtimes$			
5.1c	General Facility Cleaning Procedures	$\boxtimes$			
5.1d	Hygiene and Sterilization Procedures				
5.1e	Validated Equipment Cleaning Procedures				
5.1f	Preventative Maintenance Program/Procedures				
5.1g	Pest Control Program	$\boxtimes$			
5.1h	Master Production Procedure				
Quality	7:				
5.1i	Quality Control/Quality Management Policy				
5.1j	Quality Manual				
5.1k	Periodic Product Quality Review				
5.11	Master Validation Plan				
5.1m	Risk Assessment Program				
5.1n	Supplier Approval Procedure				
5.1o	Monitoring and Review of Approved Suppliers				
5.1p	Mechanism to Reduce Testing				
5.1q	Receiving Incoming Inspection				
5.1r	Change Control Procedures				
5.1s	Document Management Policy				
5.1t	Document Retention Policy				
5.1u	Change Notification Procedures for Clients				
5.1v	Control of Nonconforming Material				
5.1w	Deviation/Investigation Procedure				
5.1x	Out of Specification Policy and Procedure				
5.1y	Sampling Procedure/Sampling Plan				
5.1z	Raw Material Retention Program				
5.1aa	CAPA Procedure				
5.1bb	Label Control and Accountability				
5.1cc	Product Release Procedure				
5.1dd	Employee Training Program				
5.1ee	Stability, Expiration, and Shelf-Life Program				
5.1ff	Product Retention Program				
5.1gg	Recall Procedure				

5.1hh	Customer Complaint Handling	$\boxtimes$						
5.1ii	Equipment validation/qualification procedure	$\boxtimes$						
SECTION 5. Site Operating Policies								
		Yes	No	Not Applicable				
5.1jj	Internal audit/self-inspection program procedure	$\boxtimes$						
5.1kk	Site Security/Site Access Control Policies	$\boxtimes$						
5.111	New Hire Program/Induction Program	$\boxtimes$						
<b>Business</b>	Continuity/Contingency Plan:							
5.1mm	Disaster Recovery Plan							
5.1nn	Pandemic Preparedness Plan	$\boxtimes$						
5.100	Supply Chain Emergency Preparedness Plan	$\boxtimes$						
5.1pp	Business Continuity/Contingency Plan	$\boxtimes$						
5.1qq								

	SECTION 6. Quality Assurance and Production					
		Yes	No	Not Applicable		
6.1	Does the site have an independent and defined Quality Assurance/Quality Management Division?					
6.2	Does QA/QM have authority over the following:					
6.2a	Policies and procedures?	$\boxtimes$				
6.2b	Review of documentation for release?	$\boxtimes$				
6.2c	Release or rejection of incoming materials?	$\boxtimes$				
6.3	Does QA/QM investigate and resolve quality complaints?	$\boxtimes$				
6.4	Does QA/QM investigate and resolve internal deviations?	$\boxtimes$				
6.5	Does the QA/QM have the authority to assign a disposition to materials?					
6.6	Does the QA/QM review manufacturing and testing records prior to release?					
6.7	Does the facility utilize computerized systems for managing GxP activities or data?					
6.8	Are relevant computerized systems 21 CFR part 11 and EU GMP annex 11 compliant?					
6.9	Does the site use statistical methods for consistency and uniformity?					
6.10	Does the site use controlled documents for following and recording manufacturing instructions?					

	SECTION 6. Quality Assurance and Production							
	·	Yes	No	Not Applicable				
6.11	Does the company qualify and/or validate manufacturing procedures?							
6.12	Is any environmental monitoring conducted in production/finishing areas?							
6.13	Does the site supply BSE/TSE declarations?							
6.14	Does the site supply a declaration of Elemental Impurities?							
6.15	Are ICH Q3C(R4) solvents used in the manufacturing process of supplied materials?							
6.16	Are stability studies carried out according to ICH guidance?		$\boxtimes$					
6.17	Are solvents and mother liquor reused/recycled?							
6.18	Does the site have a process water treatment system?							
	<ul> <li>☐ City/potable water</li> <li>☐ Distilled water</li> <li>☐ Dionized water</li> <li>☐ Water for injection (WFI)</li> <li>☐ Reverse Osmosis</li> <li>☐ Clean steam</li> <li>☐ Ultra-filtrated water (purified water)</li> <li>☐ Other:</li> </ul>							
6.19	Does the plant have a batch/lot system?	$\boxtimes$						
6.19a	Is the system traceable?	$\boxtimes$						
6.19b	Is it unique?							
6.19c	Is batch/lot manufacturing continuous?		$\boxtimes$					
6.19d	Is manufacturing batch by batch?							
6.20	Does the site perform on-plant audits prior to approving critical GxP suppliers?							
6.21	Does the site audit critical GxP suppliers after initial approval?							
6.22	Does the site inspect incoming materials?	$\boxtimes$						
6.23	Does the site test incoming materials to defined specifications?	$\boxtimes$						
6.24	Does the site establish purchase specifications for raw materials?							
6.25	Is the equipment multi-use?	$\boxtimes$						
6.26	Does the site qualify equipment installation?							
6.27	Does the site qualify equipment operation?	$\boxtimes$						
6.28	Does the site qualify equipment performance?							

	SECTION 6. Quality Assurance and Production						
		Yes	No	Not Applicable			
6.29	Are production critical use instruments calibrated regularly?	$\boxtimes$					
6.30	Is rework allowed?	$\boxtimes$					
6.31	Is reprocessing allowed?	$\boxtimes$					
6.32	Are manufacturing and packaging activities traceable to the equipment, areas, and materials used?						
6.33	Are production materials handled and stored in a manner to prevent degradation, contamination and cross-contamination?						
6.34	If answering 'not applicable' for any of the above, please elabor N/A	rate:					
Additio	onal Comments: N/A						

SECTION 7. Laboratory Procedures			☐ N/A for this Site	
		Yes	No	Not Applicable
7.1	Does the site have standard procedures for sample handling/tracking?			
7.1a	Does the site have standard procedures for retaining samples?	$\boxtimes$		
7.1b	Does the site have standard procedures for retesting samples?	$\boxtimes$		
7.2	Does the site have written and approved specifications and test methods?	$\boxtimes$		
7.3	Are laboratory instruments calibrated regularly?			
7.4	Is there a standard procedure in place for analytical method development?			
7.5	Does the site qualify and/or validate analytical test procedures?			
7.6	Does the site perform stability testing on materials and/or products?	$\boxtimes$		
7.7	Are retention samples of key raw materials maintained?			
7.8	Are standards traceable to their preparation and reagents used?			
7.9	Are retention samples of finished product maintained?	$\boxtimes$		
7.10	Are shelf life/retest/expiration dates available and standardized?	$\boxtimes$		
7.11	Does the company provide a certificate of analysis (CoA) and/or a Certificate of			

SECTION 7. Laboratory Procedures		■ N/A for this Site		
		Yes	No	Not Applicable
	Conformation/Compliance (CoC) for each lot or batch?			
7.12	Does the CoA/CoC contain the manufacture name and location?			
7.13	Does the CoA/CoC signed/e-signed by a Quality representative?			
7.14	If a repacker performs analyses, will the CoA reflect both the original manufacturing site data as well as the repacking site data?			
7.15	If answering 'not applicable' for any of the above, Do not use repackers	please elab	orate:	
7.16	Additional Comments: N/A			
	SECTION 8. Packaging, Storage, and Transport		☐ N/A for this Site	
		Yes	No	Not Applicable
8.1	Does the site have a validated or qualified labeling system?			
8.2	Are batch production records retained and available?			
8.3	Are packaging and labeling areas separate from production?			
8.4	Are barcode readers in use and challenged regularly?			
8.5	Are vision systems in use?			
8.6	Is product ever packaged without a label being initially applied (i.e. bright stocking)?			
8.7	Do labels include shelf life/expiration dates?			
8.8	Do labels include lot/batch number?			
8.9	Do labels include requirements for storage conditions?			
8.10	Is tamper evident seal used for each container of supplied materials?			
8.11	Does the company use a First-In-First-Out or First-Expiration-First-Out system?			
8.12	Does the company maintain appropriate storage	M		

 $\boxtimes$ 

 $\boxtimes$ 

Are those storage conditions monitored and

Does the site make available a description of storage and/or warehouse conditions?

conditions?

documented?

8.12a

8.13

SECTION 8. Packaging, Storage, and Transp			☐ N/A for this Site		
		Yes	No	Not Applicable	
8.14	Does the site distribute products via a third party?				
8.15	Are good distribution policies implemented?	$\boxtimes$			
8.16	Are transport mechanisms dedicated?		$\boxtimes$		
8.17	Does the company validate shipping method?				
8.18	Does the company validate packaging methods?				
Additional Comments: N/A					

I (Supplier) confirm that the information provided in this questionnaire is correct and can be verified.

Date:24Jul2023

Title:Site Head of Quality