

## Site Quality Self-Assessment

based on

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

Module 2, Site Specific Information

Relevant for
Cerilliant Corporation
811 Paloma Drive, Suite A Round Rock,
TX 78665, USA
An affiliate of Merck KGaA, Darmstadt, Germany

The site self-assessment covers our quality management system for the following regulated applications:
- manufacturing of certified reference materials, reference standards, analytes and reagents



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

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

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## **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:
	Cerilliant Corporation MilliporeSigma
1.2	Address:
	811 Paloma Drive, Suite A Round
	Rock, TX 78665, USA
	GPS Coordinates: 30.54172,
	-97.69011
1.3	Phone:
	512-310-5100
1.4	Email:
	Please contact your local Sales representative
1.5	Fax:
	Please contact your local Sales representative
1.6	Website:
	www.sigmaaldrich.com

	SECTION 2. General Site Operating Information						
2.1	What year did the site start operating? 2000						
2.2	What is the primary activity of the site? (e.g. manufacturing, distribution, etc.)						
	manufacturing of certified reference materials, reference standards, analytes						
	and reagents						
2.3	To which, if any, subdivision of the parent company does the site belong?						
	Life Science, Biologics						

SECTION 2. General Site Operating Information				
2.4	Size of site (in sq. ft. or m.): 44,000 sq. ft.			
2.5	Please list or attach the normal hours/schedule of the facilities, including shutdown dates (if applicable): 8-5 Monday - Friday and closed during observed holidays in USA			
2.6	Total number of employees on site: 110			
2.7	Total number of employees in Quality: 26			
2.8	Total number of employees in Manufacturing: 29			
2.9	What quality management system is utilized on site?  ISO 9001 ISO 13485 ISO 21 CFR Part 210/211 ISO 121 CFR Part 820 European GMP, Eudralex Volume 4 Part I ICH Q7 INCH Q7 IN			
2.10	Does the company/site			

	SECTION 2. General Site Operating Information						
2.11	Is the site registered with any government regulatory agency (FDA registration, GMP certification, etc.)?  Yes No N/A  If yes, please specify.  USDEA, ATFE						
2.12	By whom is the site inspected (regulatory or third party) and list inspections within the last three years:  Merck KGaA, Darmstadt Germany LS (ISO 9001), ANAB (ISO 17025, ISO 17034), USDEA						
2.13	How often, as an annual average, i ~3	s the site audited	by customers	or third parties?			
2.14	Has an Rx-360 audit been performed at this site? Yes No Please also state the date of the audit if applicable. <a href="http://rx-360.org/audit-programs/">http://rx-360.org/audit-programs/</a>						
2.15	Are you willing to have Rx-360 con according to the Rx-360 audit program Yes No		•	customers			
2.16	Are you willing to have your custon X Yes  No	ners conduct aud	its on your site	?			
2.17	Please list regulatory sanctions impacting the site within the last five years (i.e. warning letters, CEP suspension, import alerts, etc.):  N/A						
2.18	Does the site outsource any quality-	related activity?					
		N/A					
	If answering yes, please specify the	activities:					
2.19	Please check the supplier controls in	place for this fa	cility:				
2.19a	Quality Agreements with Suppliers	⊠ Yes	☐ No	□ N/A			
2.19b	Subcontractor Qualification/Audit Program	X Yes	☐ No	□ N/A			

	SECTION 2. General Site Operating Information						
2.19c	Periodic Review of Supplier Performance	⊠ Yes		No	□ N/A		
2.19d	Supplier Feedback Program		No	□ N/A			
2.19e	Approved Material Supplier List			No	□ N/A		
2.19f	2.19f Approved Service Supplier List Yes			No	N/A		
Addit	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	roduce,	Yes	No	Not Applica		
3.1a	Beta-Lactam Antibiotics			$\boxtimes$			
3.1b	Steroids and/or hormones						
3.1c	High potency compounds						
3.1d	Materials of animal origin/Biologi	cs					
3.1e	Live virus or micro-organism			$\boxtimes$			
3.1f	Allergens			$\boxtimes$			
3.1g	Genetically Modified Organisms (	GMO)		$\boxtimes$			
3.1h	Agrochemicals (Pesticides, Herbic Fungicides, etc.)	ides,		$\boxtimes$			
3.1i	Other (Please specify):				1		
	SECTION 4. Cross	Contamin	ation Co	ontrol			
4.1	Are any of the following cross- contamination controls in place	?	Yes	No	Not Applica		
4.1a	Dedicated Facilities						
4.1b	Access Controls						
4.1c	Dedicated Personnel						
4.1d	Dedicated Gowning						
4.1e	Procedural Controls		$\boxtimes$				
4.1f	Other (please specify):						
Add	itional Comments:						

SECTION 5. Site Operating Policies						
5.1	Does the site utilize the following written polici	es, prog	rams, or	procedures?		
Site Specific:			No	Not Applicable		
5.1a	Environmental, Health, and Safety					
5.1b	Facility Environmental Control Policy					
5.1c	General Facility Cleaning Procedures					
5.1d	Hygiene and Sterilization Procedures					
5.1e	Validated Equipment Cleaning Procedures					
5.1f	Preventative Maintenance Program/Procedures	$\boxtimes$				
5.1g	Pest Control Program	$\boxtimes$				
5.1h	Master Production Procedure	$\boxtimes$				
<b>Quality:</b>						
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					

<b>SECTION 5. Site Operating Policies</b>						
		Yes	No	Not Applicable		
5.1jj	Internal audit/self-inspection program procedure					
5.1kk	Site Security/Site Access Control Policies					
5.111	New Hire Program/Induction Program					
Business	Continuity/Contingency Plan:					
5.1mm	Disaster Recovery Plan					
5.1nn	Pandemic Preparedness Plan					
5.100	Supply Chain Emergency Preparedness Plan					
5.1pp	Business Continuity/Contingency Plan					
5.1qq	Can the company provide a plan upon request? below:	OR provide	e a short o	description		

	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?						
6.2b	Review of documentation for release?						
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?						
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?						
6.11	Does the company qualify and/or validate manufacturing procedures?						

SECTION 6. Quality Assurance and Production							
		Yes	No	Not Applicable			
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?	Щ	$\boxtimes$				
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?	M					
6.18a	Please check all that apply to the system:						
0.100	City/potable water						
	Distilled water						
	Dionized water						
	Water for injection (WFI)						
	Reverse Osmosis						
	Clean steam						
	Ultra-filtrated water (purified water)						
	Other:						
	- Owner.						
6.19	Does the plant have a batch/lot system?						
6.19a	Is the system traceable?	$\boxtimes$					
6.19b	Is it unique?						
-	Is hotale/lat manufacturing continuous?						
6.19c	Is batch/lot manufacturing continuous?						
6.19d	Is manufacturing batch by batch?		Ш				
6.20	Does the site perform on-plant audits prior to approving			$\boxtimes$			
( 21	critical GxP suppliers?			<del></del>			
6.21	Does the site audit critical GxP suppliers after initial			$\boxtimes$			
6.22	approval?						
6.22	Does the site inspect incoming materials?						
6.23	Does the site test incoming materials to defined specifications?	$\boxtimes$					
6.24	Does the site establish purchase specifications for raw						
0.24	materials?						
6.25	Is the equipment multi-use?						
6.26	Does the site qualify equipment installation?						
	Does the site qualify equipment instanation?  Does the site qualify equipment operation?						
6.27							
6.28	Does the site qualify equipment performance?						
6.29	Are production critical use instruments calibrated regularly?		H				
6.30	Is rework allowed?						

	SECTION 6. Quality Assurance and Production						
		Yes	No	Not Applicable			
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?	$\boxtimes$					
6.34	6.34 If answering 'not applicable' for any of the above, please elaborate:  Cerilliant is not a cGMP or GLP facility						
Additi	onal Comments:						

SECTION 7. Laboratory Procedures				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?	$\boxtimes$		
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?	$\boxtimes$		
7.8	Are standards traceable to their preparation and reagents used?	$\boxtimes$		
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 Conformation/Compliance (CoC) for each lot or batch?			

	SECTION 7. Laboratory Procedures		<b>◯</b> N/A for this Site			
		Yes	No	Not Applicable		
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, please elaborate: We do not use re-packaging sites					
7.16	Additional Comments:					
5	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?	$\boxtimes$				
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?	$\boxtimes$				
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?	$\boxtimes$				
8.10	Is tamper evident seal used for each container of supplied materials?		$\boxtimes$			
8.11	Does the company use a First-In-First-Out or First-Expiration-First-Out system?	$\boxtimes$				
8.12	Does the company maintain appropriate storage conditions?	$\boxtimes$				
8.12a	Are those storage conditions monitored and documented?					
8.13	Does the site make available a description of storage and/or warehouse conditions?					
8.14	Does the site distribute products via a third party?					
8.15	Are good distribution policies implemented?					

SECTION 8. Packaging, Storage, and Transpor			☐ N/A for this Site			
		Yes	No	Not Applicable		
8.16	Are transport mechanisms dedicated?		$\boxtimes$			
8.17	Does the company validate shipping method?					
8.18	Does the company validate packaging methods?	$\boxtimes$				
Additional Comments:						

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

Date:07-June 2022

Title:Quality Assurance Manager