

**DEPARTMENT OF HEALTH AND HUMAN SERVICES
FOOD AND DRUG ADMINISTRATION**

DISTRICT ADDRESS AND PHONE NUMBER

CDER/OPQ/OPMA/DBM, Attn: Zhihao Peter Qiu, Ph.D., Director
10903 New Hampshire Avenue; White Oak Building 22, Room 5112
Silver Spring, MD 20993
E-mail: OPFBALinspection483Responses@fda.hhs.gov

DATE(S) OF INSPECTION

08/12/2021-08/20/2021

FEI NUMBER

3012163998

NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED

Sangjun Cho, Head of Quality

FIRM NAME

Hugel, Inc.

STREET ADDRESS

23, Geodudanji 1-gil, Dongnae-myeon

CITY, STATE, ZIP CODE, COUNTRY

Chuncheon, Gangwon, Korea 24398

TYPE ESTABLISHMENT INSPECTED

Drug Substance and Drug Product manufacturing

This document lists observations made by the FDA representative(s) during the inspection of your facility. They are inspectional observations, and do not represent a final Agency determination regarding your compliance. If you have an objection regarding an observation, or have implemented, or plan to implement, corrective action in response to an observation, you may discuss the objection or action with the FDA representative(s) during the inspection or submit this information to FDA at the address above. If you have any questions, please contact FDA at the phone number and address above.

DURING AN INSPECTION OF YOUR FIRM WE OBSERVED:

1. *Clostridium botulinum* spore containment in the drug substance manufacturing areas is inadequate to mitigate spore cross contamination risk of other manufacturing areas. The (b) (4) drug substance and drug product are manufactured in the same Geodu building.
 - a. (b) (4) where *Clostridium botulinum* (b) (4) tests are conducted at a (b) (4) compared to the adjacent manufacturing areas. The (b) (4) than the (b) (4) room and (b) (4) lower than (b) (4) maintains (b) (4) and thus, spores are not contained in the (b) (4).
 - b. There is no procedure control to prevent personnel entering the drug product manufacturing area after exiting the drug substance area.

2. Decontamination of *Clostridium botulinum* spores and toxin in the drug substance manufacturing areas is inadequate.
 - a. In room (b) (4) *Clostridium botulinum* (b) (4) (b) (4) (b) (4) (b) (4) (b) (4) (b) (4) pose a risk of contaminating the spectrometer and adjacent areas with *Clostridium* spores.

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OF THIS
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EMPLOYEE(S) SIGNATURE

Madushini N.
Dharmasena -S

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Dharmasena S
Date: 2021.08.19 22:59:06.0400

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Lemmadechassa -S

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Date: 2021.08.19 23:10:48.0400

EMPLOYEE(S) NAME AND TITLE (Print or Type)

Madushini Dharmasena, Ph.D., SR
PHARMA. QUALITY ASSESSOR

Mekonnen Lemma Dechassa, Ph.D.,
BIOLOGIST

DATE ISSUED

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7. (b) (4) for (b) (4) drug product batch
(b) (4) manufactured on (b) (4) exceeded the specified filling time (b) (4)
(b) (4) and the time validated by the media fill (b) (4) leading to batch failure.
The delay in (b) (4) stopper supply, damaged vials and operators taking breaks were identified as
initial root cause for this deviation (DV21-066).

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