Cefazolin Sodium
Details of Supply Issue
Cefazolin Sodium Injection

Manufactured from sterilized cefazolin sodium API under sterile environment.
Details of Supply Issue

Cause 1) Foreign Object Inclusion
From end of year 2018, owing to sudden increase of foreign objection in API purchasing from Company A(Italy), we stopped manufacturing product.

Cause 2) Outage of “TAA” Material
TAA(Tetrazole Acetic Acid), one of the starting materials of Cefazolin Sodium API is produced only in Chinese TAA company. However, because of China authorities suggestion, TAA manufacturing stopped in whole world.
No inventory stock in Company B(Italy)

Through association report, discussion & conference report

Feb 28th, 2019
Outage Guide Announcement has started against all medical institutions
Recovery of Product Outage

Countermeasure of "TAA" Material outage

1. "TAA" supply restarted from Mar, 2019
2. Enhance API Manufacturing Supply Chain
   • Considering "TAA" supplier as new option

Countermeasure of API Manufacturing

1. (Result of "TAA" supply restart)
   Restart supply route of Company B in Italy
2. (Result of "TAA" supply restart & changing CMO of Sodiumization)
   Restart supply route of Company A in Italy