

## Validasi Pengiriman Cold Chain Product pada Bulan November 2022 di PT. Kimia Farma Trading & Distribution Cabang Jakarta 3 = Validation of Cold Chain Product Delivery in November 2022 at PT. Kimia Farma Trading & Distribution Jakarta Branch 3

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### Abstrak

Produk rantai dingin atau cold chain product (CCP) merupakan obat-obatan yang harus disimpan dalam kisaran suhu yang telah ditetapkan. Produk rantai dingin ini perlu dijaga kualitasnya untuk memenuhi kriteria keamanan, kualitas, dan efikasi. Pendistribusian produk rantai dingin merupakan distribusi sediaan farmasi yang sensitif terhadap perubahan suhu, sehingga dalam distribusinya diperlukan kontrol suhu yang tepat untuk menjaga mutu dan stabilitas obat. Guna menjamin kualitas dan mutu dari suatu obat, pendistribusian obat diperhatikan. Sebagai salah satu perusahaan yang bergerak dalam bidang distribusi, PT. Kimia Farma Trading & Distribution melakukan validasi pengiriman produk rantai dingin. Validasi pengiriman dilakukan dengan mengukur suhu coolbox setiap 15 menit selama 5 jam. Pengiriman cold chain product (CCP) yang dilakukan oleh PT. Kimia Farma Trading & Distribution telah memenuhi persyaratan sesuai CDOB. Validasi dilakukan dalam 2 hari selama 5 jam dengan suhu terukur pada rentang 2 – 8°C.

..... Cold chain products (CCP) are medicines that must be stored within a predetermined temperature range. The quality of these cold chain products needs to be maintained to meet safety, quality and efficacy criteria. The distribution of cold chain products is the distribution of pharmaceutical preparations that are sensitive to changes in temperature, so that proper temperature control is required in their distribution to maintain the quality and stability of the drug. In order to ensure the quality and quality of a drug, the distribution of the drug is taken into account. As one of the companies operating in the distribution sector, PT. Kimia Farma Trading & Distribution validates cold chain product delivery. Delivery validation is carried out by measuring the coolbox temperature every 15 minutes for 5 hours. Cold chain product (CCP) delivery carried out by PT. Kimia Farma Trading & Distribution has fulfilled the requirements according to CDOB. Validation was carried out in 2 days for 5 hours with measured temperatures in the range 2 – 8°C.