

## BAB IV

### KESIMPULAN

Tingkat kontaminan dalam produk *edible oils* dan *fats* PT. XYZ hampir selalu di bawah batas yang ditetapkan oleh regulasi EU. Variasi nilai dikarenakan oleh batas deteksi yang lebih rendah di tahun-tahun terakhir. Tindakan pengendalian yang dilakukan oleh departemen QA dan QC sudah cukup untuk memastikan tingkat kontaminan berada di bawah batas masing-masing. Tingkat kontaminan yang tinggi pada bahan mentah akan direduksi secara signifikan selama proses oleh karena kondisi proses yang dikhususkan untuk tercapainya hal tersebut. PT. XYZ dapat menunjukkan pada *customer* bahwa produk yang dikirimkan aman untuk dikonsumsi. Proyek ini juga memberikan kontribusi untuk PT. XYZ. Grafik yang telah dibuat selama proyek ini akan digunakan untuk membantu proses audit oleh *customer* serta memberi pengetahuan untuk petugas QC dan QA. MOH dapat dihasilkan dari *bleaching clay* yang digunakan dalam tahap *bleaching*. Oleh karena itu, MOH pada *bleaching clay* akan diuji di masadepan.

Rekomendasi untuk penelitian lanjutan adalah perlunya mendapatkan data eksak untuk seluruh kontaminan. Kondisi tersebut akan memungkinkan adanya kejelasan mengenai alasan variasi konsentrasi kontaminan selama dekade terakhir dan di masadepan. Diketuhiunya alasan tersebut akan membantu *customer* untuk lebih paham mengenai grafik dan data yang disajikan oleh PT. XYZ saat proses audit.

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