cuperdec results

```
head(kraken_taxatab) %>%
  select(1:5) %>%
  knitr::kable()
```

species	LIB030.A0117	SYN001.A0101	SYN002.A0101	SYN003.A0101
Burkholderia pyrrocinia	3	4	6	5
Burkholderia multivorans	3	27	25	38
Burkholderia cenocepacia	3	15	24	17
Burkholderia stabilis	2	7	10	14
Burkholderia ubonensis	2	18	5	15
Burkholderia ambifaria	2	2	8	4

```
head(metadata) %>%
  select(sample, source) %>%
  knitr::kable()
```

sample	source
LIB030.A0117	library control
SYN001.A0101	saliva
SYN002.A0101	saliva
SYN003.A0101	saliva
SYN014.A0101	medium
SYN014.C0101	medium

```
taxa_table <- load_taxa_table(kraken_taxatab)
iso_database <- load_database(cuperdec_database_ex, target = "oral")
metadata_table <- load_map(metadata,
                      sample_col = "sample",
                      source_col = "source"
                      )

curves <- calculate_curve(taxa_table, iso_database)
filter_result <- simple_filter(curves, 60)


plot_cuperdec(curves, metadata_table, filter_result)
```