

# **Profiling Extractives and Metals in a TMP Pulp Mill**

# TMP Extractives and Metals

TMP Pulp extractives  
mg/od. g

Chips	10.0	Rej. Screen feed	6.5
Primary Refiner	11.3	Rej. Screen accepts	9.3
Secondary Refiner	11.5	TMP post refiner	16.6
Quench Tank	15.5	GWD silo	13.9
Pri. Screen accepts	13.9	Y Bleached pulp	14.2
Pri. Screen rejects	7.6	PY Bleached pulp	3.1
		PM Headbox	12.7

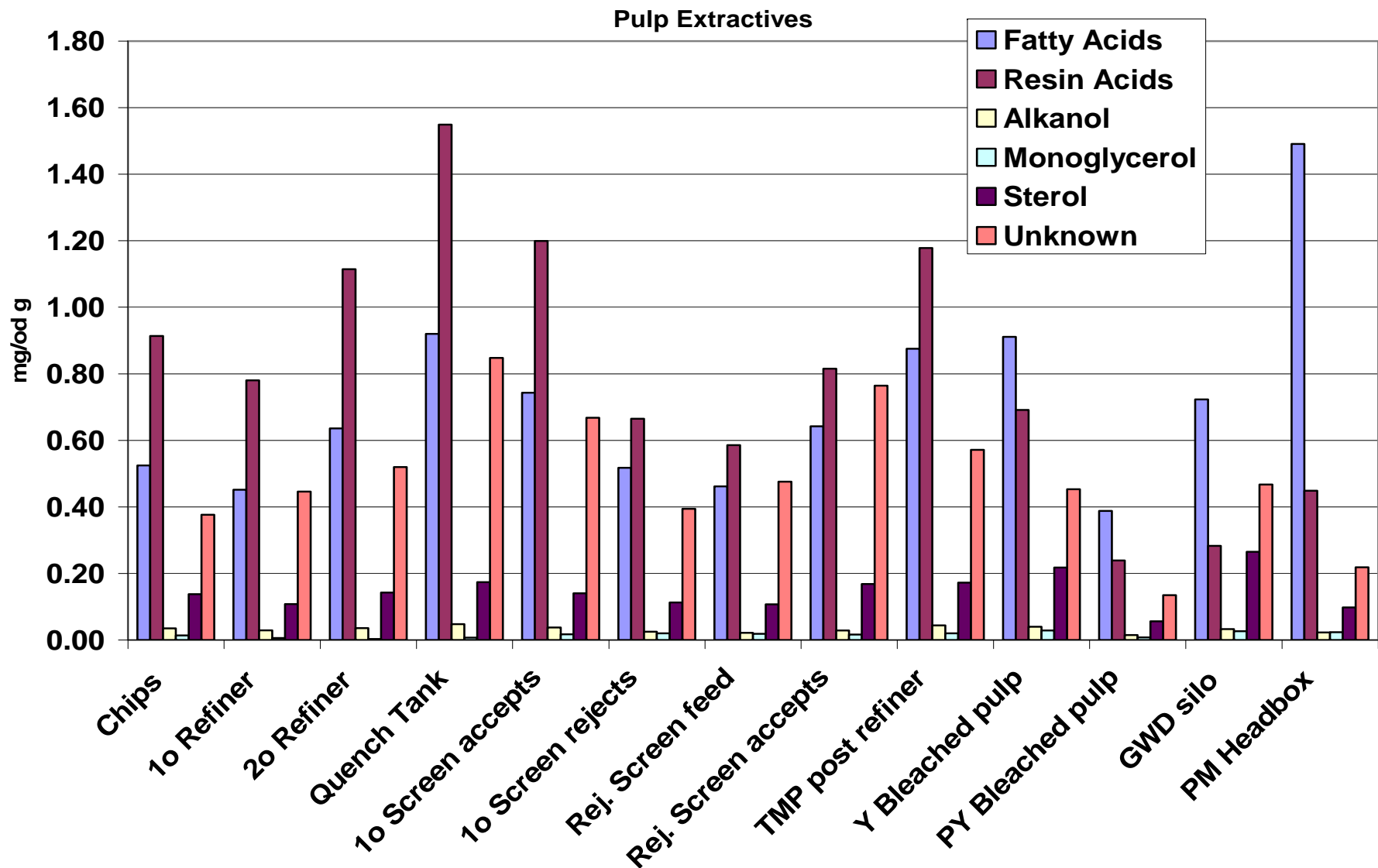
# TMP Extractives and Metals

TMP Filtrate Extractives  
mg/ml

Disk filter	2.63
Cloudy ww	0.87
PM tray	0.16

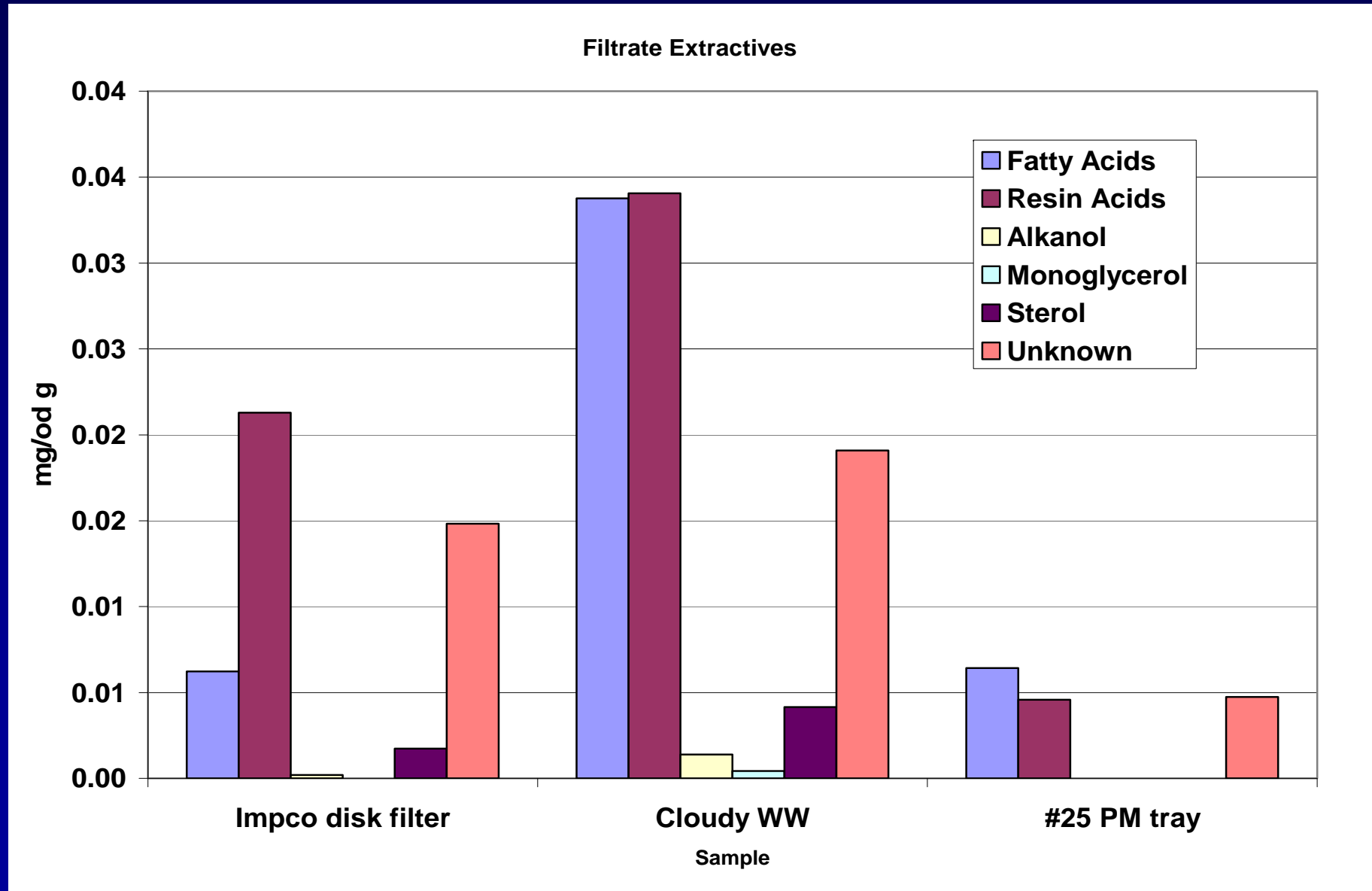
# TMP Extractives and Metals

## TMP Pulp Extractives



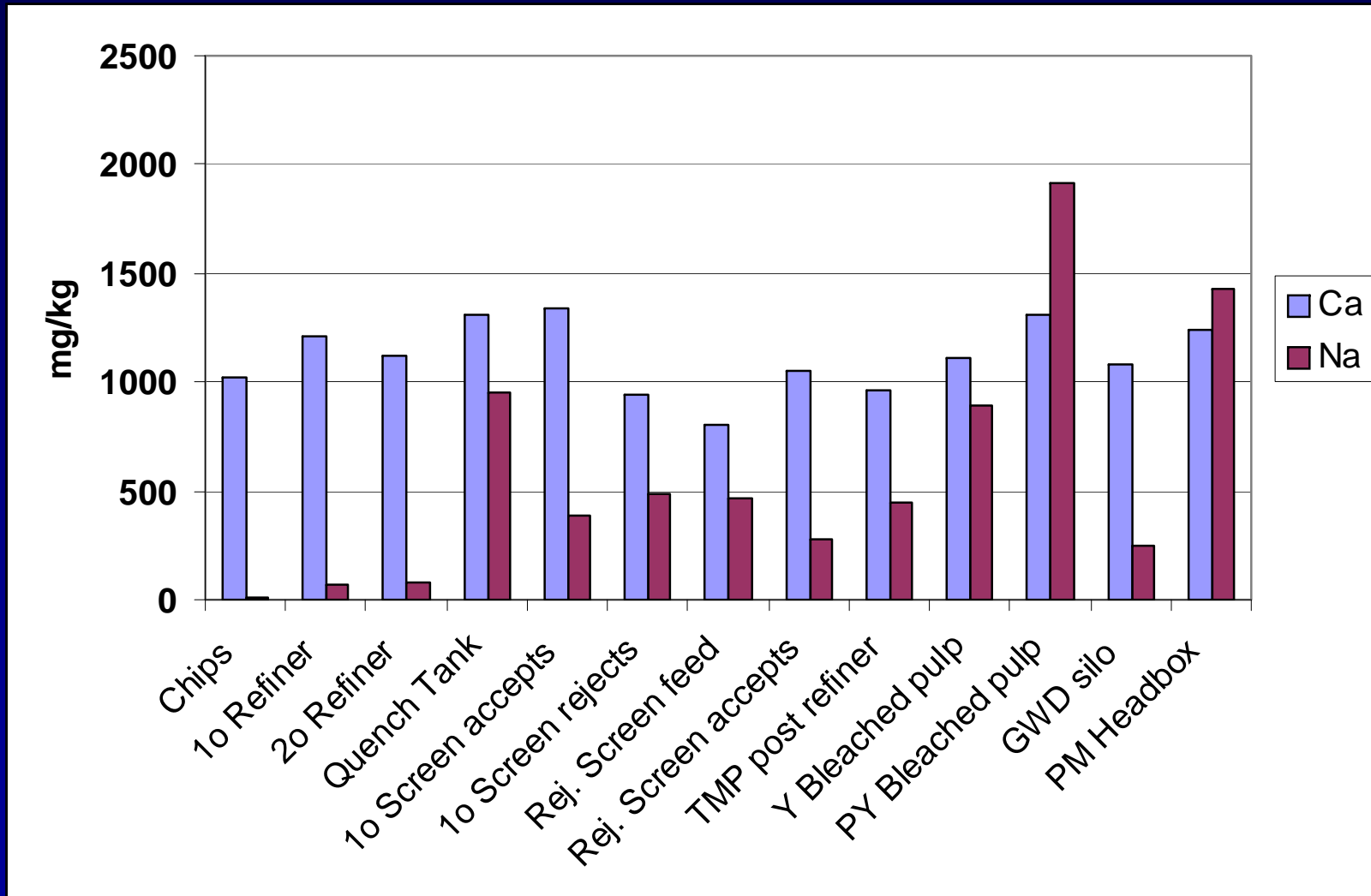
# TMP Extractives and Metals

## TMP Filtrate Extractives



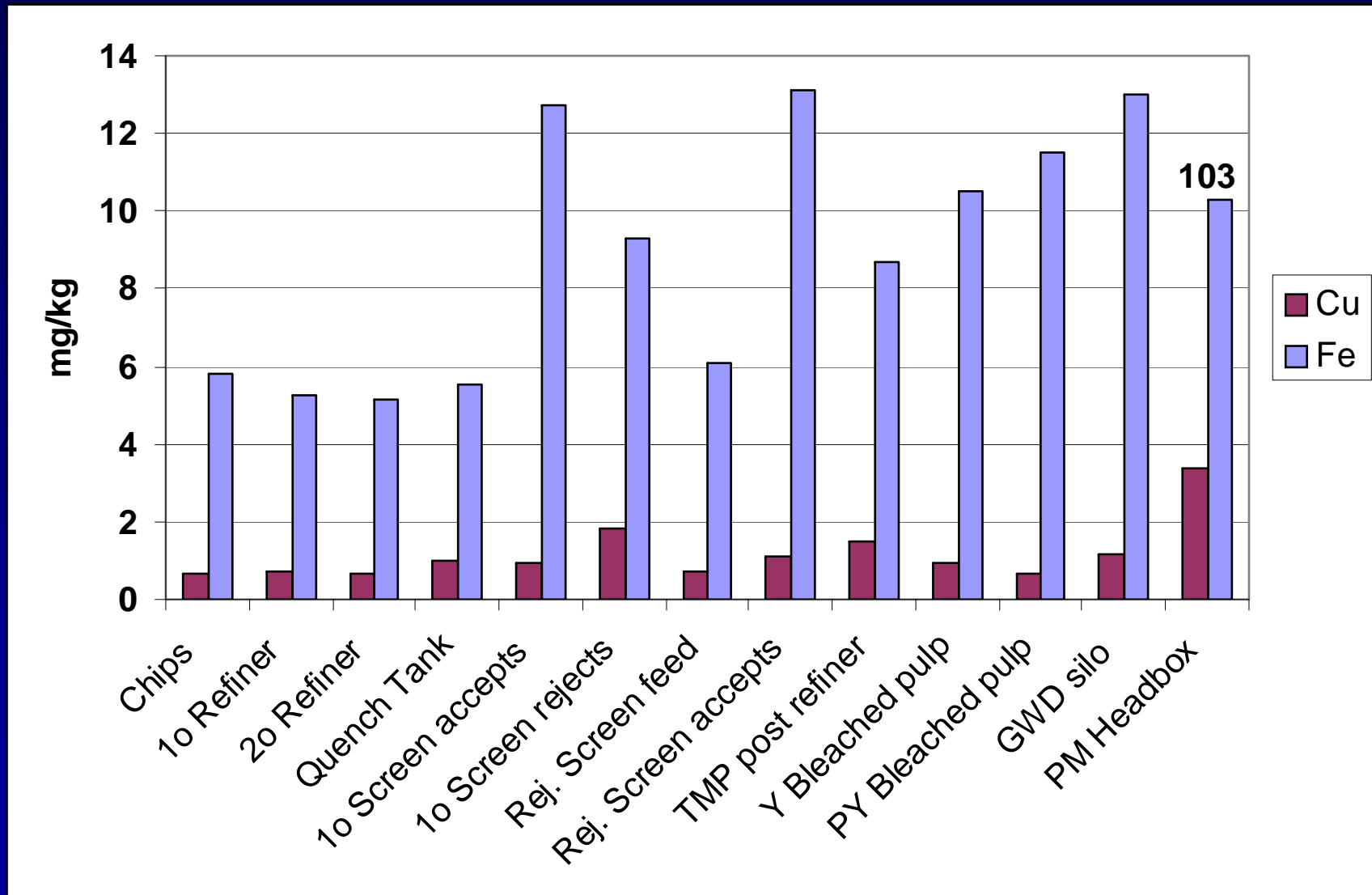
# TMP Extractives and Metals

## TMP Metal Ion Content



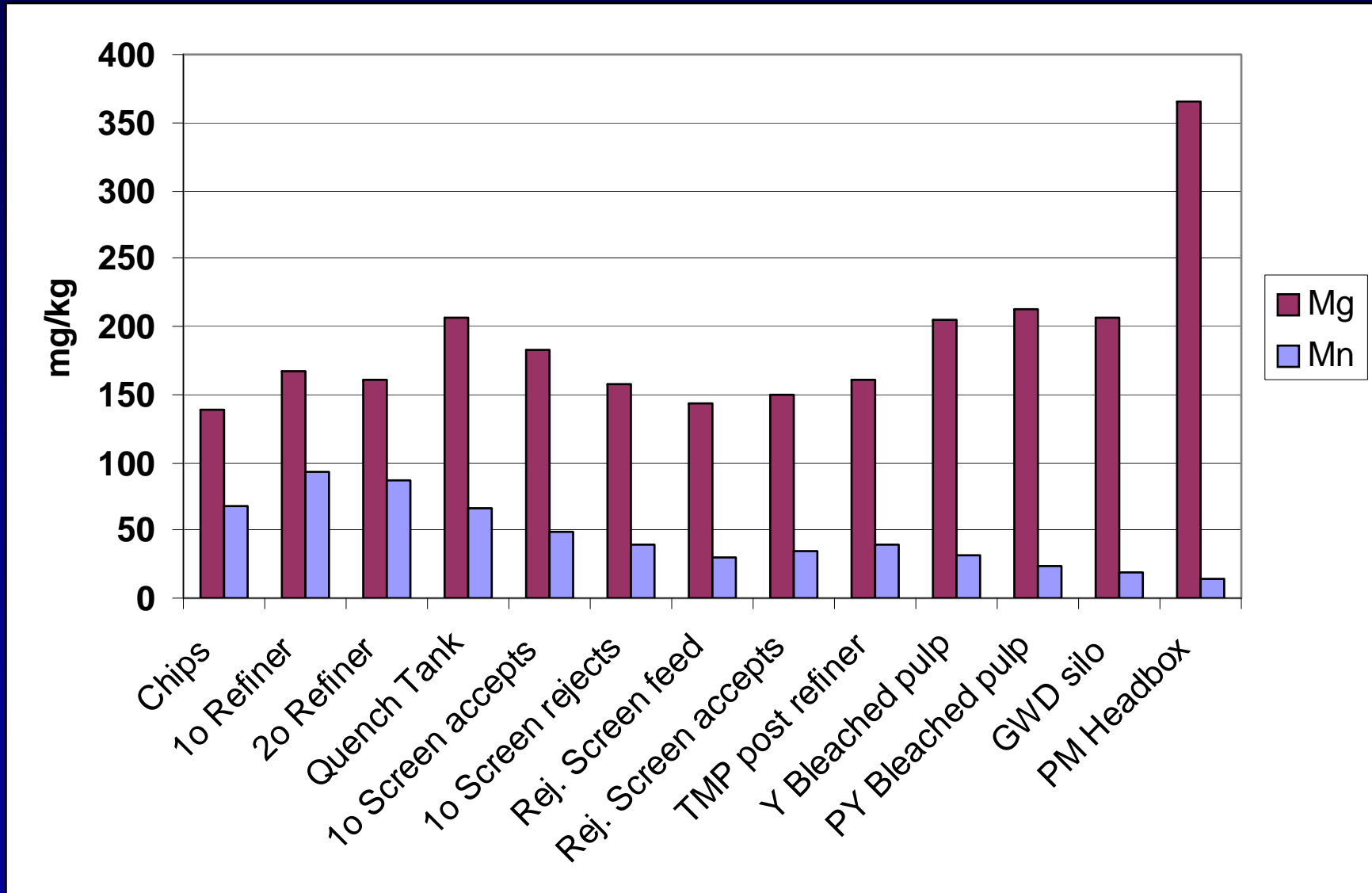
# TMP Extractives and Metals

## TMP Metal Ion Content



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## TMP Metal Ion Content





# TMP Extractives and Metals

## Observations

- Little to no reduction in pulp extractives through refining and screening.
- Significant accumulations in some filtrates.
- P bleaching/washing produces significant extractive reduction.