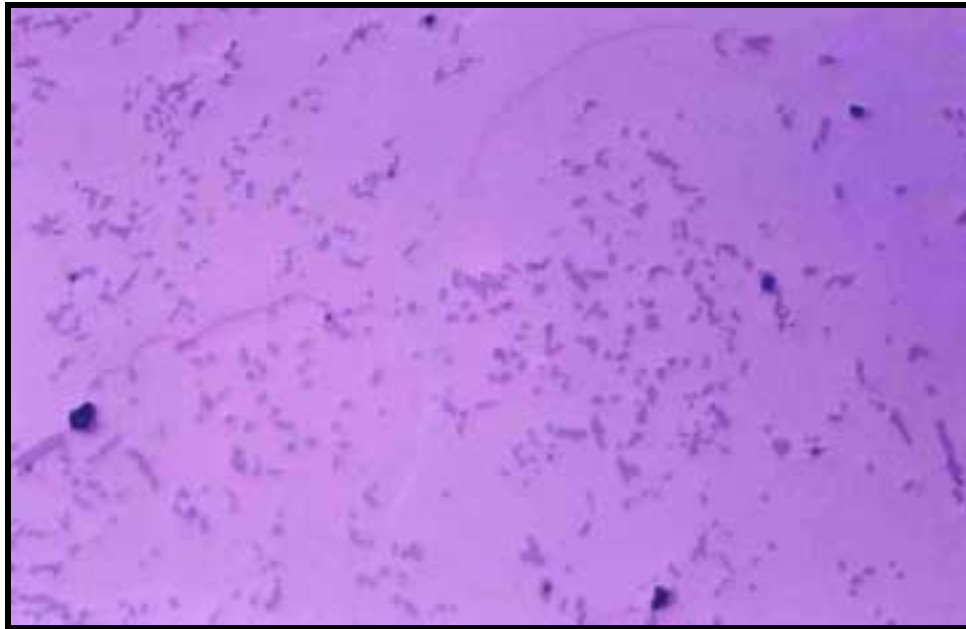


MetPrep Preparation Procedure – No 45



Chill Cast – high tensile Beta Brass

| | Surface | Abrasive | Pressure | | Speed – Dir | Time |
|------------------------|---------|-----------|----------|----|-------------|--------------|
| Primary Grinding Stage | Paper | P240g SiC | Psi | N | 150 – Comp | Until Planar |
| | | | 5 | 25 | | |

| | Surface | Abrasive | Pressure | | Speed – Dir | Time |
|----------------------------|--------------|-------------------|----------|----|-------------|--------|
| Additional Grinding Stages | Planocloth H | 9 µm (WB) Diamond | Psi | N | 250 – Comp | 5 mins |
| | | | 5 | 25 | | |
| | Durasilk | 3 µm (WB) Diamond | 5 | 25 | 250 – Comp | 4 mins |

| | Surface | Abrasive | Pressure | | Speed – Dir | Time |
|-----------------|------------|--------------|----------|----|-------------|--------|
| Polishing Stage | Multicloth | 0.06µm Silco | Psi | N | 80 – Comp | 2 mins |
| | | | 3 | 15 | | |