



# Magnetic Tracers

## OPTIMISING MAGNETIC SEPARATORS IN MINERALS PROCESSING OPERATIONS

The immediate focus of DG Lab Services is the manufacture and supply of tracers or simulants to the global mining and related sectors

### DG Lab Services Magnetic Tracers

DG Lab Services Magnetic Tracers are a standard and inexpensive aid used for rapid and efficient set up of magnetic separators

The range of magnetic tracers offered by DG Lab Services are customizable for any commodity in terms of density and magnetic susceptibility

### DG Lab Services Magnetic Tracers are supplied in the form of cubes

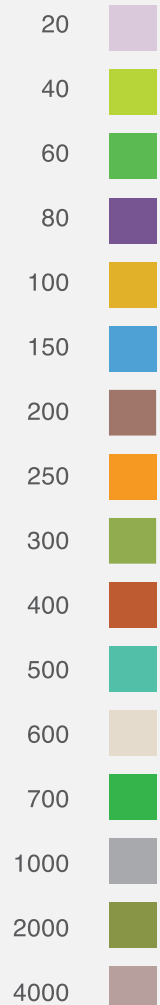
- Typical Size range is from 2.0mm to 20.0mm (within  $\pm 0.1$ mm)
- Relative Density requirement is customizable and currently available in  $3.53 \pm 0.03$ RD
- Magnetic susceptibilities are customizable and currently available in the range 20 -  $4000 \times 10^{-6} \text{cm}^3 \cdot \text{g}^{-1}$  (within  $\pm 5\%$ )

### Inexpensive Industry Aid

- **DG Lab Services Magnetic Tracers are:**
  - Colour coded, according to magnetic susceptibility
  - Re-usable, as their robust formulation ensures many passes through a plant
- Strict quality control ensures the tracer particles are an exact size, shape and magnetic susceptibility

### Magnetic Tracer Range

Tabulation indicating  
Colour vs Magnetic Susceptibility  
( $\times 10^{-6} \text{cm}^3 \cdot \text{g}^{-1}$ )



These colours are a printed approximation of the actual magnetic tracer colours.