

TECHNICAL DATA SHEET

COMPOUND MICROSCOPE & SEM ANALYSIS



SERVICE DESCRIPTION

- Our micro sectioning/cross-sectional analysis capabilities allows us to perform magnification to the highest level
- We conduct cross-sectional analysis for Classes 1-3 products

CHARACTERISTICS

- Internal production quality checks and incoming stock RoHS compliancy checks
- Ability to test periodic table elements with detector components
- Internal quality checks
- Conducted by an ESA-trained laboratory manager with eleven years of experience

LEAD TIME

- Typically 1-3 weeks



TECHNICAL DATA

- Microsection verification analysis regularly performed to ECSS-Q-ST-70-38C Rev.1, ECSS-Q-ST-70-08 & ECSS-Q-ST-70-60 space product assurance specifications
- Practiced at ECSS-Q-ST-70-38/08 & ECSS-Q-ST-70-60 standard
- SEM analysis with Energy Dispersive X-Ray (EDX) capabilities allowing the inspection of various elements at a high level and confirmation of materials used within products