

# technical bulletin

## EpiPure™ Zinc Dopants

SAFC Hitech is delighted to confirm EpiPure™ grade Dimethylzinc (DMZn) and Diethylzinc (DEZn) are available, for all applications where oxygen impurities are critical to the material performance. The EpiPure™ process has been developed to reduce potential oxygen containing species contamination throughout the manufacturing, purification, analysis and transfilling stages.

The EpiPure™ “Zinc” processes retain proprietary adduct purification technology and integrate further reduced oxygen technology to provide an unparalleled purity specification for both metallic impurities and oxygen species, such as ethers and alkoxides. FTNMR highlights the quality achievements gained using the EpiPure™ process and growth reports confirm increased performance of deposited layers.

### FTNMR Spectra

#### Dimethylzinc

