

## **Malonodinitrile - A Lonza success story**

*Albrecht Metzger et al.*  
*Lonza*  
*albrecht.metzger@lonza.com*

Malonodinitrile (MDN) is an important intermediate in the chemical and pharmaceutical industries and is widely used as a key building block. MDN is produced in tone scale by Lonza Ltd. via a high temperature production process using cyanogen chloride and acetonitrile. Due to its reactivity and unique properties malonodinitrile has found numerous applications in the synthesis of agrochemicals, dyestuff, polymers and pharmaceuticals as well as vitamin B<sub>1</sub>.