innovation diagnostic chemicals
17B Fota Business Park, Carrigtwohill, Cork T45EY16

PRODUCT SPECIFICATIONS

Product :	**N-Acetyl-L-Cysteine (NAC-001)**
Code :	**NAC-001**
CAS Number :	**616-91-1**
Formula :	**$C_5H_9O_3NS$ (Mw: 163.2)**
Form :	**White crystals**
Assay :	**> 98 %**
pH (1%, H_2O):	**2.0 - 2.8**
Transmittance :	**> 98 %**
Optimal rotatory dispersion :	**+21° - +27°**
Heavy metals (Pb) :	**< 10 ppm**
Loss on drying :	**< 1 %**
Residue on ignition :	**< 0.2 %**
Stability :	**24 months**
Storage :	**2 - 8 °C**