

## Product Information

### TECHNICAL DATA SHEET / Specification Sheet

#### **Imidazole**

Synonym	: Glyoxaline
Molecular Formula	: C3H4N2
Molecular Weight	: 68.08
CAS No.	: 288-32-4
Shelf Life	: 5 years

#### **Technical Specification**

APPEARANCE	: White to Faint Yellow
TITRATION (NT)	: 99.50 - 100.50 %
PURITY	: 99.50 %
MELTING POINT	: 88 - 91 °C
SOLUBILITY (COLOR)	: Colorless
SOLUBILITY (TURBIDITY)	: Clear
SOLUBILITY (METHOD)	: 0.5G IN 10ML WATER
PH	: 9.5 - 11.0
WATER	: 0.5 %
RESIDUE ON IGNITION	: 0.1 %
CALCIUM (ICP)	: 10 mg/kg
CADMIUM (ICP)	: 5.0 mg/kg
COBALT (ICP)	: 5.0 mg/kg
CHROMIUM (ICP)	: 5.0 mg/kg
COPPER (ICP)	: 5.0 mg/kg
IRON (ICP)	: 5.0 mg/kg
POTASSIUM (ICP)	: 50 mg/kg
MAGNESIUM (ICP)	: 5.0 mg/kg
MANGANESE (ICP)	: 5.0 mg/kg
SODIUM (ICP)	: 5.0 mg/kg
LEAD (ICP)	: 5.0 mg/kg
ZINC (ICP)	: 5.0 mg/kg
TOTAL SULFUR AS SO4 (ICP)	: 50 mg/kg
CHLORIDE (CL)	: 50 mg/kg