



PRODUCT DATA SHEET

ZINC PICOLINATE

OTHER NOMENCLATURE

Zinc Dipicolinate

PHYSICAL DATA

Molecular Formula	[C₆H₄NO₂]₂ Zn
Molecular Weight	309.8
CAS Registry Number	17949-65-4

SPECIFICATIONS

Description	White free flowing powder
Solubility	Soluble in hot water. Partially soluble in dichloromethane. Slightly soluble in cold water.
Melting Point	Above 235⁰C to 245⁰C
pH 0.5% soln.	5 to 8
Mesh size	NLT 90% passing through 80 mesh
Assay(Zinc Content)	Between 20 - 23 %
Bulk Density	0.4- 0.6 gm/ml
Tap Density	0.5- 0.8 gm /ml
Loss On Drying	Not more than 6%
Sulphate	NMT 0.20%
Heavy Metal	NMT 10ppm
Arsenic	NMT 2ppm
Lead	NMT 2ppm
Cadmium	NMT 2ppm

Microbiological Test**E. Coli / Salmonella****Absent****Total Plate Count****NMT 1000 cfu / gm****Mould & Yeast****Max. 100 organism / gm****PACKING****25 kg / 50 kg Fibre Drums / HMHDPE Drums****APPLICATIONS****A superior micronutrient for human / animal feeds**

- **Treatment of Cirrhosis (Liver Disorder)**
- **Treatment of Arteriosclerosis (Hardening of Arteries)**
- **Remedy of Dermatopathy**
- **Remedy of Metallothionien induction**
- **Prevention of Sunburns**