

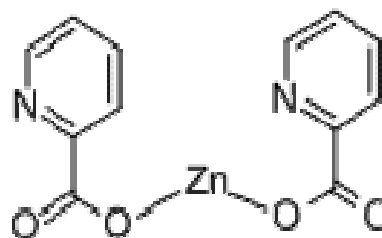


Resonance Specialties Limited

INNOVATION • QUALITY • CUSTOMER-CENTRIC
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ZINC PICOLINATE USP

Synonyms	Zinc Dipicolinate
CAS Number	17949-65-4
Molecular Formula	(C ₆ H ₄ NO ₂) ₂ Zn
Molecular Weight	309.8
Characteristic	Specification Limit
Description	White to off white free flowing powder
Solubility	Soluble in hot water. Slightly soluble in cold water. Soluble in alcohol.
Melting Point	235 - 245°C
pH (0.5% Solution)	5 - 8
Mesh Size	Minimum 90% passing through 80 mesh
Tap Density	0.5 - 0.8 gm/ml
Bulk Density	0.4 - 0.6 gm/ml
Assay	Minimum 99% on anhydrous basis
Zinc Content	Between 20-23% on anhydrous basis
Loss on Drying	Maximum 6%
Sulphate	Maximum 0.2%
Heavy Metals	
Lead	Maximum 3 ppm
Arsenic	Maximum 1 ppm
Cadmium	Maximum 1 ppm
Mercury	Maximum 0.1 ppm
Microbiological	
E. Coli/Salmonella	Absent
Total Plate Count	Maximum 1,000 cfu/gm
Mold & Yeast	Maximum 100 organisms/gm
Packaging	25 kg & 50kg HM HDPE drums
Applications	Human/feed micronutrient; Treatment of Cirrhosis, Arteriosclerosis, Dermatopathy, Metallothionein Induction



BENEFITS OF ZINC PICOLINATE



- *Regulates appetite, taste and smell*
- *Astringent, antiseptic, protects skin*
- *Human and feed micronutrient*
- *Protects against infections*

The Company does not offer products to customers in countries where there is potential infringement of product or related patents. Customers are requested to evaluate and determine the patent situation in their respective countries prior to purchase. Please note that responsibility of adherence to local patent laws lies solely with the customer

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