

SPECIFICATION

Chlortetracycline

Parameters	Specification
Appearance	Yellow to brown powder
Molecular Weight	478.45 g/mol
Boiling Point	380 °C
Melting Point	180 °C
Flash Point	260 °C
Purity	98–99%
Refractive Index	1.60
Solubility	Moderately soluble in water; soluble in alcohol
Uses	Veterinary antibiotic used to treat bacterial infections in livestock and poultry; commonly used as a feed additive in some regions; also studied for human medicine