

## LIFE SCIENCE PRODUCTS

524950 Vitamin B12 (cyanocobalamin) Ph Eur, BP, USP

Formula Hill  $C_{63}H_{88}CoN_{14}O_{14}P$ 

Chemical formula

Molar mass 1355.38 g/mol

Density

pH value 6.0 (1 g/l 20 °C)

Form solid

Color red

Odeur odourless

Melting point &gt; 300 °C

Boiling point

Vapor pressure

Explosion limits

Flash point

Thermal decomposition

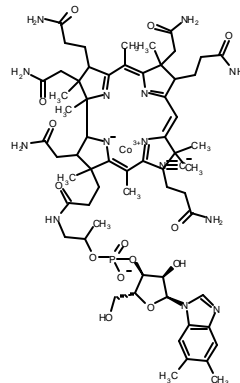
Heat of evaporation

Evaporation number

Ignition temperature

Bulk density ~ 450 - 600 kg/m<sup>3</sup>

Refractive index



Solubility in water 12 g/l (25 °C)

Solubility in ethanol (20 °C) soluble

Solubility in chloroform

Water absorbtion

Saturation conc. (air)

Dielectric constant

Dipole moment

Viscosity dynamical

Viscosity kinematical