

Vitamin B12-1%

TECHNICAL DATA SHEET (TDS)

Commodity : Vitamin B₁₂ Feed Additive 1%
Chemical name : Co α -[α -(5,6-Dimethylbenz-1H-imidazol-1-yl)]-Co β -cyanocobamide
Description : Pale red to brown powder, hygroscopicity.

Properties

Chemical Formula : C₆₃H₈₈CoN₁₄O₁₄P
Molecular Weight : 1355.36
CAS number : 68-19-9

Specification:

Identification : Have maximum absorption at 361 \pm 1nm and 550 \pm 2nm.
Grain size : All through the 0.25mm standard sieve.
Loss on drying : \leq 5.0% (Carrier: Calcium Carbonate)
 \leq 12.0% (Carrier: Starch)
Arsenic \leq 3 ppm
Assay on dried : 0.90-1.30%

Composition:

API: Vitamin B12
Carrier: CaCO₃/ Corn starch

Shelf-life: 2 years

Storage conditions: Preserve in tight, light-resistant containers, and store at controlled room temperature.