

azinvit®

VITAMIN B12, METHYLCOBALAMIN

Product information:

Product name	Vitamin B12, Methylcobalamin
Formula	$C_{63}H_{91}CoN_{13}O_{14}P$
Cas Number	13422-55-4
Reference	JP

Test parameter:

Description
Clarity and colour of solution
Identification

Specification:

Dark red crystals or crystalline powder
Clear solution, red colour

Assay (anhydrous basis)

(1) UV: Compare the spectrum with the reference spectrum, both spectra exhibit similar intensities of absorption at the same wavelengths

(2) Cobalt: meets JP requirement

98,5% – 101%

Related substances

Each area of the peaks other than methylcobalamin is not more than 0,5% of the peak area of methylcobalamin
The total area of the peaks other than methylcobalamin is not more than 2,0%

Water

Max. 11,5%

Residual solvents

Acetone

Max. 5 000 ppm

Microbiological analysis:

Total aerobic plate count

Max. 1 000 CFU/g

Yeast & mould

Max. 100 CFU/g

Additional information:

Shelf life

3 years

Storage

Store in its original unopened packaging, in a dry and cool, well-ventilated place

Packaging

0,5 kg/tin

Application

Nutritional use