

INSOLENT [LABS]

azinvit[®]

VITAMIN B3, NICOTINAMIDE

Product information:

Product name	Nicotinamide
Chemical formula	$C_6H_6N_2O$
Cas number	98-92-0
Reference	EP

Test parameter:

Appearance
Appearance of solution
Odour test by NaOH
Colour test
Identification

Specification:

A white or almost white, crystalline powder or colourless crystals, freely soluble in water and in anhydrous ethanol, slightly soluble in methylene chloride

Solution should be clear and not more intensely coloured than reference solution BY7

Passes test

Passes test

(A) Melting point: 128 – 131°C

(B) IR: complies

(C) Thin-Layer chromatography: The principal spot in the chromatogram obtained with the test solution is similar in position and size to the spot in the chromatogram obtained with the reference solution

Assay	99 – 101%
Loss on drying	Max. 0,5%
Sulfated ash	Max. 0,10%
pH	6 – 7,5
Related substances	
Unspecified impurity	Max. 0,1%
Total impurity	Max. 0,2%
Heavy metals (as Pb)	Max. 20 ppm

Additional information:

Shelf life	5 years
Storage	Store in its original, unopened packaging in a cool, dry and well-ventilated place
Packaging	25kg bags
Application	Nutritional