

Product Specification

Sodium Selenite Anhydrous

Product Description

Chemical Description : Sodium Selenite Anhydrous
Grade : Meets the analytical requirements of Ph Eur
Product Code :

Chemical Information

Molecular Weight : 172.94
Molecular Formula: Na₂SeO₃
Solubility : Soluble in water
Elemental Content : Approx 45% Se
Storage : Dry ambient conditions in airtight container
Packing : Lined box (25KG) / plastic jar (1KG)
Regulatory : Source of Se in food & food supplements
Re-test period : 3 years from date of manufacture
Appearance: White crystalline powder

Hazard Information

U.N. No. : 2630
Proper Shipping Name : Selenates Or Selenites

Hazard Class : 6.1
Packing Group : I
CAS No : 10102-18-8
EEC No : 233-267-9
Tariff code : 2842901090

Specification

Description		White or almost white, crystalline deliquescent powder
Appearance of solution S		Clear & colourless
Chloride as Cl	Max	50 ppm
Assay		98.5 - 101.5 %
Selenate and Sulphate (as SO ₄)	Max	0.03 %
Fe	Max	50 ppm
Loss on drying @ 130 Deg C for 2 hrs	Max	0.5 %
pH 10% w/v sol		9.8 - 10.8
Identification		Passes test A, B, C and D
Particle Size < 300um	Min	99.5 %
Pb	Max	3 ppm
As	Max	1 ppm
Cd	Max	1 ppm
Hg	Max	0.1 ppm
ETO (sum of ETO and 2-Chloroethanol)	Max	0.1 ppm (yearly monitoring program in place) .
Date of manufacture		
Retest date		3 years from date of manufacture

BSE/TSE: Product complies with the requirements of EMA/410/01 Rev.3 and (EC) 999/2001 as amended.
GMO: Product complies with (EC) 1829/2003 and (EC)1830/2003 as amended. No GMO labelling is required.
Residual solvents: Product complies with ICH Q3C(R6) as amended.
Allergen: None of the allergen listed within Regulation (EC) No. 1169/2011 as amended are present in the product.