

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	D-Calcium pantothenate for biochemistry
Product number	1189
Synonyms	Calcium D-pantothenate, Vitamin B5, D-Pantothenic acid hemicalcium salt, 3-[(2R)-2,4-Dihydroxy-3,3-dimethylbutanamido]propanoic acid calcium salt
Formula	$C_{18}H_{32}CaN_2O_{10}$
Molecular weight	476.54 g/mol
CAS number	137-08-6
Storage	2 - 8°C
Retest period (months)	48

TSE/BSE declaration: The product is manufactured wholly from synthetic materials and does not contain any raw materials produced from or substances derived of animal origin. Moreover this product is not derived from specific risk materials as defined in Guideline EMEA/410/01 final Rev. 03/2004. All packaging materials are not of animal origin. The product does not come in contact with animal products during storage or transportation.

Parameter	Specification
Assay (dried substance)	98 - 101 %
Appearance	white powder
Identity	passes test
Appearance of solution (5 % in water)	clear and colourless
pH (5 % in water, 20°C)	6.8 - 8
Specific rotation	+25.0° - +27.5°
3-Aminopropionic acid	<= 0.5 %
Chloride (Cl)	<= 0.02 %
Heavy metals (Pb)	<= 0.002 %
Loss on drying	<= 3 %

Einhausen, 15.10.2024