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fine chemicals

ANALOGUE SET DATA SHEET

Vitamins

Code No.: **BIA-AS6062**

Specifications

The set is available as either a set of 17 x 1 mg vials or as a set of 17 x 5 mg vials of the following products:

Vial #	Product	Code No.	CAS #	Mol. Formula	Mol. Wt.
1	Cholecalciferol	BIA-C2482	67-97-0	$C_{27}H_{44}O$	384.6
2	Coenzyme Q1	BIA-C2661	727-81-1	$C_{14}H_{18}O_4$	250.3
3	Ergocalciferol	BIA-E2481	50-14-6	$C_{28}H_{44}O$	396.7
4	Folic acid	BIA-F2613	59-30-3	$C_{19}H_{19}N_7O_6$	441.4
5	Niacinamide	BIA-N2616	98-92-0	$C_6H_6N_2O$	122.1
6	Pyridoxine hydrochloride	BIA-P2614	58-56-0	$C_8H_{11}NO_3.HCl$	205.6
7	Retinal	BIA-R2495	116-31-4	$C_{20}H_{28}O$	284.4
8	13-*cis*-Retinal	BIA-R2496	472-86-6	$C_{20}H_{28}O$	284.4
9	Retinoic acid	BIA-R2497	302-79-4	$C_{20}H_{28}O_2$	300.4
10	Retinol acetate	BIA-R2498	127-47-9	$C_{22}H_{32}O_2$	328.5
11	Thiamine hydrochloride	BIA-T2615	67-03-8	$C_{12}H_{17}N_4OS.HCl$	337.3
12	Vitamin A1	BIA-V2494	68-26-8	$C_{20}H_{30}O$	286.5
13	Vitamin B7	BIA-V2493	58-85-5	$C_{10}H_{16}N_2O_3S$	244.3
14	Vitamin B12	BIA-V2492	68-19-9	$C_{63}H_{88}CoN_{14}O_{14}P$	1355.4
15	Vitamin K1	BIA-V2662	84-80-0	$C_{31}H_{46}O_2$	450.7
16	Vitamin K2	BIA-V2663	863-61-6	$C_{31}H_{40}O_2$	444.7
17	Vitamin K3	BIA-V2664	58-27-5	$C_{11}H_8O_2$	172.2

Long Term Storage : **-20°C, protect from light**

Stability : **Stable for more than 1 year when stored at -20°C, protected from light**

Short Term Storage : **Stable at ambient temperature for 1-2 weeks, protected from light**

Shipping : **Ambient temperature**

Purity : **Minimum purity of >95% by HPLC**

For in vitro laboratory use only. Not for human or animal use.

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