

Certificate of Analysis



Product Name	AAYW Vitamin D3 softgels	Lot Code No.	AA83501
Manufacture Date	2025.12.26	Expiration date	2028.12.25

ITEM	METHOD	SPECIFICATION	RESULT
Appearance	Visual	Yellow, oval soft capsule containing yellow liquid	Confirm
Disintegration Test	Disintegration Tester	20min \geq	11 min 20sec
Net weight	Balances	550mg/capsule \pm 2%	550.00mg
Gross weight	Balances	33g/set \pm 2%	33.05g
Vitamin D	H.P.L.C	20~45 μ g/ 550mg (25 μ g)	25.07 μ g
Vitamin K	H.P.L.C	12~27 μ g/ 550mg (15 μ g)	17.12 μ g
Vitamin A	H.P.L.C	96 ~ 180 μ g/ 550mg (120 μ gRAE)	130.68 μ gRAE
Zinc	I.C.P	1.6 ~ 3 μ g/ 550mg (2mg)	2.27mg
Magnesium	I.C.P	24 ~ 45 μ g/ 550mg (30mg)	33.34mg
Lead(Pb)	I.C.P	0.5mg/kg \geq	Absent
Arsenic(As)	I.C.P	10.0mg/kg \geq	0.04mg
Cadmium(Cd)	I.C.P	4.1mg/kg \geq	Absent
Mercury(Hg)	I.C.P	1mg/kg \geq	Absent
Total plate count	PCA Broth	10,000 cfu/g \geq	18.85mg
Yeast and mold	PDA Broth	1,000 cfu/g \geq	0.25mg
Coliforms	BGLB Broth	Negative	Negative

Job Title	QC Assistant	QC Manager	QC Director
Name	Hwang, In Beom	Kim, Hyun Joong	Jung, Ji Hyun
Signature			
Date	2026.01.15	2026.01.15	2026.01.15