



Certificate of Analysis

Product name	Vitamin K2 0.2% Powder	Excipient:	MCC
Package:	1kg/bag	Quantity:	55kg
MFG Date:	2025/06/03	EXP Date:	2027/06/02
Batch No.:	K2P02250603	Standard:	In house

Item	Specification	Results
Appearance	Off white to yellow powder	Conform
Identification	HPLC: The principal peak in the chromatogram obtained with the test solution is similar in retention time to that of reference solution.	Conform
	TLC: Under visible light and short-wavelength UV light, the spots from the sample solution correspond in color (light yellow), shape, and RF value to those from the standard solution. After applying the spray reagent, the spots from the sample solution, under white light, correspond in color (dark blue), shape, and RF value to those from the standard solution.	Conform
Loss on drying	$\leq 5\%$	3.18%
Lead	$\leq 3 \mu\text{g/g}$	$< 3 \mu\text{g/g}$
Cadmium	$\leq 1 \mu\text{g/g}$	$< 1 \mu\text{g/g}$
Mercury	$\leq 0.1 \mu\text{g/g}$	$< 0.1 \mu\text{g/g}$
Arsenic	$\leq 2 \mu\text{g/g}$	$< 2 \mu\text{g/g}$
Total bacteria count	$\leq 1000\text{cfu/g}$	$< 1000\text{cfu/g}$
Yeast & Mold counts	$\leq 100\text{cfu/g}$	$< 100\text{cfu/g}$
Escherichia coli	Negative	Negative
Staphylococcus aureus	Negative	Negative
Salmonella	Negative	Negative
Assay (Menaquinone-7)	$\geq 2000\text{ppm}$	2102ppm
Conclusion:	The goods conform the standards of In house.	