Certificate Of Analysis

NO:076-A92-TSX

Product Name	Vitamin B12 (Cyanocobalamin)		
Molecular Formula	C63H88CoN14O14P	**Manufacturing**	2026/07/29
Molecular Weight	1355.37 g/mol	**Report Date**	2026/08/04
CAS No.	68-19-9	**Re-test Date**	2028/07/29
Appearance	Dark red crystalline powder	**Packing size**	10 mg*10 vials
Reference Standard	Reference Ch.p	**Storage conditions**	Store at -20°C (Avoid light and moisture)
Sequence	N/A		

Tests	Specifications	Results
Appearance	Dark red crystals or crystalline powder	Conforms
Identification (UV / HPLC)	Conforms to reference spectrum/RT	Conforms
Assay (Dried Basis)	98.0% - 102.0%	99.20%
Loss on Drying (Water Content)	≤ 12.0%	3.85%
Related Substances (HPLC Total)	≤ 2.0%	0.65%
Heavy Metals (Total)	≤ 10 ppm	< 5 ppm
Total Microbial Count	≤ 1000 CFU/g	< 50 CFU/g

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker** : Bowen Yang