

**ACROSS BIOTECH**

MAKE A DIFFERENCE

Certificate of Analysis

Product:	Cyanocobalamin 0.1% food additive	Cas No.	68-19-9
Quantity:	300kg	Package:	25kg/carton
MFG Date:	2021/6/26	Batch No.:	2021062603
EXP Date:	2023/6/25	Carrier:	Mannitol
Standard:	Enterprise standard		

Item	Specification	Result
Appearance	Pale red, very small powder, hygroscopicity	Conform
Identification A	UV: Absorption max at $361361 \pm 1\text{nm}$, $550 \pm 2\text{nm}$	Conform
Identification B	HPLC: The retention time of the major peak of the sample solution corresponds to that of the standard solution.	Conform
Grain size	Essentially 100% pass through 0.25mm sieve	Conform
Loss on drying	$\leq 12.0\%$	0.2%
Assay (HPLC)	100%-130% of labeled assay	0.101%
Heavy metals	$\leq 10\text{ppm}$	Not detected
As	$\leq 3.0\text{ppm}$	Conform

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Total plate count	≤ 1000 cfu/g	< 10 cfu/g
Mold/Yeasts count	≤ 100 cfu/g	< 10 cfu/g

Inspector: Meng Cheng

Checker: Yun Li