

CERTIFICATE OF ANALYSIS

PRODUCT : B12 assay medium (using I. leichmanni)

PRODUCT CODE NO.:BS016

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	STANDARD VALUES	
COLOR	Cream to yellow	
APPEARANCE	Homogeneous having a tendency to form soft lumps which can be easily broken down to powder form	

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	STANDARD VALUES	
pH(post autoclaving/heating)	6.1+/-0.2	
COLOR (post autoclaving/heating)	Light amber	
CLARITY (post autoclaving/heating)	clear solution which may have slight precipitate	

QUALITY CONTROL TESTS : MICROBIOLOGICAL
CULTURAL RESPONSE:

Microbiological assay of Vitamin B 12 is carried out using Lactobacillus leichmannii ATCC 7830 after an incubation at 35-37°C for 18-24 hours.

Organism Description	Growth	Observation
Lactobacillus leichmanni ATCC 7830	Gradual increase in growth with increasing USP Cyanocobalamin reference standard levels of 0.0,0.025,0.050,0.075,0.1,0.125,0.150 & 0.2 ng per assay tube is recorded as equivalent increase in absorbance at 620nm.	complies