

CERTIFICATE OF ANALYSIS

PRODUCT : Niacin assay medium

PRODUCT CODE NO.:BS033

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

PARAMETERS	STANDARD VALUES	
COLOR	Off white to yellow	
APPEARANCE	Homogenous free flowing powder	

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	STANDARD VALUES	
pH(post autoclaving/heating)	6.8+/-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 Niacin is carried out using L. Plantarum ATCC 8014 after an incubation at 35-37°C for 16-18 hrs.

Organism Description	Growth	Observation
Lactobacillus plantarum ATCC 8014	Good growth is obtained.Gradual increase in growth with increasing conc.of Std Niacin -0.0,0.025,0.05,0.075,0.1,0.125,0.15,0.2 & 0.25 mcg per assay tube is recorded asequivalent increase in absorbance at 620nm.	complies