

CERTIFICATE OF ANALYSIS

Name: Hydroxypropyl Methyl Cellulose (HPMC) E15
Grade: USP42 Conforming Microbiological Test in Multicolored
Fiber Drum, contents 25 kg

Quantity: 1200KGS
Lot Number: 20210499

Date of Manufacture: 30 April 2021
Date of Expiry: 29 April 2023

TEST ITEMS

Test Items	Specification	Test Result
Identification A to C	Conforms	Conforms
Methoxyl Content (wt%)	28.0-30.0	28.4
Hydroxypropoxyl Content (wt%)	7.0-12.0	8.6
PH (25°C)	5-8	7.5
Loss on drying (wt%)	5.0 max	1.6
Heavy metal (ppm)	10 max	Less than 10
Arsenic (ppm)	2 max	Less than 2
Apparent Viscosity (mPa.s)	13-18	14.4
Residue On Ignition (wt%)	1.5 max	0.8
Total Bacterium (cfu/g)	1000/gram max	Less than 50
Mold	100/gram max	Less than 10
Appearance	White Powder	Conform

This material meets all requirement of USP42 for the monograph Hydroxypropyl Methyl cellulose 2910.

This product has been manufactured in accordance with FDA's GMP

Quality Control Manager:
Date: 2021-06-20