



Certificate of Analysis

Date: 29 Apr 2022

Our ref. no.:

Your ref.

Material:	93970	METHOCEL(TM) K3 Premium LV
Batch No.:		Hydroxypropyl Methylcellulose
Quantity:	146 DR	Retest date: 03 Feb 2027
		Production date: 04 Feb 2022

Test	Result	Specification	Unit	Reference
Apparent Viscosity 1)	3,2	2,4 - 3,6	mPa sec	CURRENT USP/EP/JP
Moisture	0,5	<= 5,0	%	CURRENT USP/EP/JP
Residue on ignition	0,9	<= 1,5	%	CURRENT USP/JP
Sulphated ash	0,9	<= 1,5	%	CURRENT USP/EP/JP
pH 2)	7,0	5,5 - 8,0		CURRENT USP/EP/JP
Methoxyl content	22,5	19,0 - 24,0	%	CURRENT USP/EP/JP
Hydroxypropoxyl content	9,4	7,0 - 12,0	%	CURRENT USP/EP/JP
Opalescence	Passes test	Passes test		CURRENT EP
Colour Evaluation 3)	Passes test	Passes test		CURRENT EP

Comments

The material property data reported in this COA are representative values obtained in laboratory tests conducted on a product sample taken from the batch produced. The undersigned certifies, that at the time of issuance of this COA, that the material property data reported are the results of the tests conducted. It is the recipient's sole responsibility to determine the suitability and legality of its proposed use of the Products.

If provided in any language other than English, the original English version will control, and the undersigned hereby disclaims responsibility for any errors caused by translation.

This batch, based on audit testing and process control, is certified to be NMT 20 mg/kg heavy metals (as Pb) and also meets all specification requirements for harmonized identification tests, residual solvents and microbiological limits.