

Certificate of Analysis

--	--

BENECEL K4M BOX 18.14KG

Material Number:

821904

benecel™ k4m hydroxypropylmethylcellulose

Batch:

0002737331

Characteristics	Specification	Results
Loss on drying (DQC REG 01.01b) %	0.0 - 5.0	1.4
Viscosity 2% solution, dry (DQC REG 01.02) mPa.s	2700 - 5040	4137
pH of solution (DQC REG 01.03)	5.0 - 8.0	6.9
Methoxyl content (DQC REG 01.05b) %	20.0 - 24.0	22.8
Hydroxy Propoxyl content (DQC REG 01.05b) %	7.0 - 12.0	9.1
Sulphate Ash/Res. On Ign. (DQC REG 01.06a) %	0.0 - 1.5	0.5
Date of Manufacture		June 10 , 2025
Next Retest Date		June 09 , 2028

Notes:

ID - pass

The Certified range data below are based on intermittent testing:

Propylene Chlorohydrins, ppm: <=0,1

Heavy metals,(as Pb), ppm :<=20

Cd , ppm :<=0.1

Hg , ppm :<=0.1

Pb , ppm :<=0.1

As , ppm :<=0.1

The above product is compliant with the monograph requirements for hydroxypropylmethylcellulose in the current editions of the FCC, the JECFA; INS 464 and the EC 231/2012; E 464. This product has been manufactured in accordance with current Good

Certificate of Analysis

BENECEL K4M BOX 18.14KG

benecel™ k4m hydroxypropylmethylcellulose

Material Number:

821904

Batch:

0002737331

Manufacturing Practices in 21CFR Part 110.

Best if used within 3 years of date of manufacture. Our products have a retesting interval, which is assigned to assure that the product can still satisfy the original specifications to which these products are sold.

This COA is printed from a secure computer system ensuring the batch was properly released by the Quality Department and is valid without signature.

Manufactured by:

ASHLAND SPECIALTIES BELGIUM BV
AFFILIATE OF ASHLAND
HAVEN 1920, GESLECHT 2
9130 DOEL-BEVEREN
BELGIUM

Contact:

Nico Roels

Phone:

+32 3 7300235

Email:

nico.roels@ashland.com