



Certificate of Analysis

Product name	Hypromellose acetate succinate	CAS	71138-97-1
Batch no.	20230509	QTY	20kg
Manufacture date	2023-05-09	Test Date	2023-05-09
Report Date	2023-05-09	Retest date	2024-05-09
Package	25kg/drum	Test method	USP42

Item	Specification	Results
Appearance	White or almost white granular powder	Conforms
Identification	the infrared spectroscopic test result of the test article and that of the reference substance are basically the same.	Conforms
Viscosity	Standard 3mpa.s Range 80%~120%	2.7mpa.s
Acetic acid, succinic acid	≤1.0%	0.08%
Loss on drying	≤5.0%	2.34%
Residue on ignition	≤0.20%	0.06%
Heavy metals	≤0.001%	<0.001
arsenic salt	≤0.0002%	<0.0002%
Methoxy	20.0%--24.0%	23.4%
2-hydroxypropyl	5.0%- 9.0%	7.8%
-OCOCH3	5.0%-9.0%	8.04%
-OCOCH2CH2COOH	14.0%-18.0%	14.56%
Conclusion	The test results conform to the enterprise standards.	

Tested by: Meng Xiao

Checked by: Shen Junli

Approved by: He Youguang

