

## Certificate of Analysis

Product name: Anion-PAM-A01 high molecular weigh

Report Date: 2019.06.20

Quantity: 32000KGS

Test Date: 2019.06.20

Analysis Item	Specification	Result
Solid content %	$\geq 88$	91
Molecular weight $M \cdot 10^4$	500-2000	1800
Hydrolysis degree %	10-50	30
Water dissolves time (min)	$\leq 60$	50
Insoluble matter %	$< 0.2$	0.1

Sign:

For and on behalf of

Authorized Signature(s)

Quality-Control Department

Retrial: Zhao Quan

Analyst: Li Wei

## Certificate of Analysis

Product name: Anion-PAM-A02 middle molecular weigh

Report Date: 2019.06.20

Quantity: 12000KGS

Test Date: 2019.06.20

Analysis Item	Specification	Result
Solid content %	$\geq 88$	91
Molecular weight $M \cdot 10^4$	500-2000	1600
Hydrolysis degree %	10-50	27
Water dissolves time (min)	$\leq 60$	50
Insoluble matter %	$< 0.2$	0.1

Sign:

For and on behalf of

Authorized Signature(s)

Quantity-Control Department

Retrial: Zhao Quan

Analyst: Li Wei

## Certificate of Analysis

Product name: Anion - PAM low molecular weigh	Report Date: 2017.07.10
Quantity: 1.5mt	Test Date: 2017.07.10

Analysis Item(检验项)	Specification(标准参数)	Result (检测结果)
Solid content %	$\geq 88$	91
Molecular weight M*10 <sup>4</sup>	500-2000	1200
Hydrolysis degree %	10-50	25
Water dissolves time (min) )	$\leq 60$	50
Insoluble matter %	$< 0.2$	0.1

Sign:



Quality-Control Department	Retrial: Zhao Quan	Analyst: Li Wei
----------------------------	--------------------	-----------------