

Certificate of Analysis

Product Name: SQ-CAPB 35

Batch No.: 20241011003

Production Date: Oct. 11, 2024

Expiration Date: Oct. 10, 2025

Test Item	Specification	Result
Appearance (25°C)	Colorless liquid	Pass
Odor	Characteristic odor	Pass
pH (5% solution.)	3.5-7.0	6.42
Solid content(%)	35.0±2.0	34.61
Active content (%)	30.0±2.0	29.30
Free Amine (%)	≤ 0.5	0.11
Sodium Chloride content (%)	≤ 6.0	5.20
Color (Hazen)	≤ 100	37
Test results:	PASS	



Approved by:

方远

Reported by: 林爱群

Certificate of Analysis

Product Name: SQ-EM 25

Batch No.: 20241023103

Production Date: Oct. 23, 2024

Expiration Date: Oct. 22, 2026

Test Item	Specification	Result
Appearance (25°C)	White flakes	Pass
Acid value (mgKOH/g)	≤ 1.0	0.05
Saponification value (mgKOH/g)	≤ 3.0	0.59
Hydroxyl value (mgKOH/g)	35-45	38.19
Water (%)	≤ 1.0	0.47
Test results:	PASS	



Approved by:

方远

Reported by: 林爱群

Certificate of Analysis

Product Name: SQ-Guar 14S

Batch No.: 20240911013

Production Date: Sep. 11, 2024

Expiration Date: Sep. 10, 2026

Test Item	Specification	Result
Appearance	Yellowish, fine powder	Pass
Odor	Characteristic	Pass
Moisture (%)	≤ 10	8.0
pH	9.0~10.5	9.9
Viscosity (1% dry basis aqueous solution, mPa·s)	≥ 3000	3348
Nitrogen Content (%)	1.3-1.7	1.5
Test results:	PASS	



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Certificate of Analysis

Product Name: SQ-LG 30S

Batch No.: 202407271116

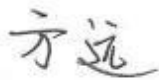
Production Date: Jul. 27, 2024

Expiration Date: Jul. 26, 2025

Test Item	Specification	Result
Appearance (25°C)	Transparent to slightly turbid liquid	Pass
Odor	Characteristic odor	Pass
Sodium chloride (%)	3.5-5.5	3.9
Active content (%)	28.0-32.2	28.9
pH (10% aqueous solution)	9.0-11.0	10.4
Test results:	PASS	



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Product Name: SQ-MES 30

Batch No.: 202410061556

Production Date: Oct. 06, 2024

Expiration Date: Apr. 05, 2025

Test Item	Specification	Result
Appearance (25°C)	Colorless to yellow transparent viscous liquid	Pass
Activity (%)	28.0-32.0	29.3
Solid content (%)	≤ 34.5	31.8
pH (10% aqueous solution)	5.0-7.0	6.4
Color (Hazen)	≤ 50	10
Na ₂ SO ₃ (%)	≤ 0.2	0.07
Test results:	PASS	



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Product Name: SQ-QUAT 39P

Batch No.: 20240805003

Production Date: Aug. 05, 2024

Expiration Date: Aug. 04, 2025

Test Item	Specification	Result
Appearance	Colorless transparent viscous liquid	Pass
Solid Content (%)	9.0~10.5	9.5
pH Value(10% soln,25°C)	5.5~7.5	7.2
Viscosity (mPa·s)	5,000-15,000	8,400
Residual acrylamide (mg/kg)	< 10	Pass
Test results:	PASS	



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Certificate of Analysis

Product Name: SQ-QUAT 39P

Batch No.: 20240912005

Production Date: Sep. 12, 2024

Expiration Date: Sep. 11, 2025

Test Item	Specification	Result
Appearance	Colorless transparent viscous liquid	Pass
Solid Content (%)	9.0~10.5	10.3
pH Value(10% soln,25°C)	5.5~7.5	7.2
Viscosity (mPa·s)	5,000-15,000	5200
Residual acrylamide (mg/kg)	< 10	Pass
Test results:	PASS	



Approved by:



Reported by: 林爱群