



3V Sigma USA Inc.
888 Woodstock Street
Georgetown, SC 29440
Phone: 843-546-8556
Fax: 843-520-0203

Certificate of Analysis

Manufacturing Location

3V SIGMA USA INC.
888 Woodstock St.
Georgetown, SC 29440

Product: POLYGEL HP

3V Order Number: 42184/S7

Customer Name: AMAL MAHMOUD & RAED KHALIL CO LLC

Customer Order Number: E12069 122

Lot Number: 1526A264

Date of Manufacture: 01/27/2026

Expiration Date: 01/27/2028

Quantity Shipped: 1760.0000 KG

CUSTOMER COMMENTS FOR POLYGEL HP: ITEM CODE 11110297

TEST RESULTS

Test	Specification	Results
Appearance (White Powder)	PASS - PASS	PASS
Transmittance	90.0 - 100.0	94.7 %
Brookfield viscosity 25°C (spindle 7 20 rpm) 0.5% in H2O (pH 7.3 - 7.8 with NaOH)	55000 - 90000	57000 cps

Certification and Compliance Statements

Other Certification Statements:

The Quality Management System at the manufacturing site for this product is in compliance with the ISO 9001:2015 and EFfCI requirements.

Product: POLYGEL HP

Lot Number: 1526A264

Authorized Signature:

Jonathan Nigg, Quality Control Manager

Date of Approval: 01/28/2026

This COA was released from a controlled electronic document management system.



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Certificate of Analysis

Manufacturing Location

3V SIGMA USA INC.
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Product: POLYGEL HP

3V Order Number: 42184/S7

Customer Name: AMAL MAHMOUD & RAED KHALIL CO LLC

Customer Order Number: E12069 122

Lot Number: 1526A262

Date of Manufacture: 01/26/2026

Expiration Date: 01/26/2028

Quantity Shipped: 960.0000 KG

CUSTOMER COMMENTS FOR POLYGEL HP: ITEM CODE 11110297

TEST RESULTS

Test	Specification	Results
Appearance (White Powder)	PASS - PASS	PASS
Transmittance	90.0 - 100.0	92.3 %
Brookfield viscosity 25°C (spindle 7 20 rpm) 0.5% in H2O (pH 7.3 - 7.8 with NaOH)	55000 - 90000	60000 cps

Certification and Compliance Statements

Other Certification Statements:

The Quality Management System at the manufacturing site for this product is in compliance with the ISO 9001:2015 and EFfCI requirements.

Product: POLYGEL HP

Lot Number: 1526A262

Authorized Signature:

Jonathan Nigg, Quality Control Manager

Date of Approval: 01/28/2026

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Certificate of Analysis

Manufacturing Location

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Product: POLYGEL HP

3V Order Number: 42184/S7

Customer Name: AMAL MAHMOUD & RAED KHALIL CO LLC

Customer Order Number: E12069 122

Lot Number: 1526A268

Date of Manufacture: 01/27/2026

Expiration Date: 01/27/2028

Quantity Shipped: 320.0000 KG

CUSTOMER COMMENTS FOR POLYGEL HP: ITEM CODE 11110297

TEST RESULTS

Test	Specification	Results
Appearance (White Powder)	PASS - PASS	PASS
Transmittance	90.0 - 100.0	95.4 %
Brookfield viscosity 25°C (spindle 7 20 rpm) 0.5% in H2O (pH 7.3 - 7.8 with NaOH)	55000 - 90000	63000 cps

Certification and Compliance Statements

Other Certification Statements:

The Quality Management System at the manufacturing site for this product is in compliance with the ISO 9001:2015 and EFfCI requirements.

Product: POLYGEL HP

Lot Number: 1526A268

Authorized Signature:

Jonathan Nigg, Quality Control Manager

Date of Approval: 01/28/2026

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