



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:** SYNTHALEN® CR  
**3V Order Number:** 43420/S3  
**Customer Name:** 3V SIGMA EUROPE S.R.L.  
**Customer Order Number:** E12199 48370

**Lot Number:** 1526G145  
**Date of Manufacture:** 06/16/2026  
**Expiration Date:** 06/15/2028  
**Quantity Shipped:** 2400.0000 KG

### **TEST RESULTS**

| Test                                                            | Specification | Results  |
|-----------------------------------------------------------------|---------------|----------|
| Appearance (White to beige powder)                              | PASS - PASS   | PASS     |
| pH (1% in H2O)                                                  | 3.50 - 8.00   | 7.19     |
| Brookfield Viscosity, 25°C, (1% in H2O)<br>(spindle RV5 20 rpm) | 8000 - 16000  | 9800 cps |
| Loss on drying (2hrs, 105°C)                                    | 0.00 - 5.00   | 2.69 %   |

### **Certification and Compliance Statements**

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**Other Certification Statements:**

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**Product:** SYNTHALEN® CR  
**Lot Number:** 1526G145

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**Authorized Signature:**

Jonathan Nigg, Quality Control Manager

**Date of Approval:** 07/02/2026

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## Certificate of Analysis

### Manufacturing Location

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

**Product:** SYNTHALEN ® K  
**3V Order Number:** 43420/S3  
**Customer Name:** 3V SIGMA EUROPE S.R.L.  
**Customer Order Number:** E12199 48370

**Lot Number:** 1526I067  
**Date of Manufacture:** 08/17/2026  
**Expiration Date:** 08/16/2028  
**Quantity Shipped:** 1560.0000 KG

### **TEST RESULTS**

| Test                                                                                                  | Specification | Results   |
|-------------------------------------------------------------------------------------------------------|---------------|-----------|
| Appearance (White Powder)                                                                             | PASS - PASS   | PASS      |
| Residual Solvent (Conforms to the pharmacopeia)                                                       | 0 - 600       | 362 ppm   |
| Identification test (IR)                                                                              | PASS - PASS   | ***       |
| Heavy metals                                                                                          | 0 - 15        | ***       |
| Weight Loss                                                                                           | 0.0 - 2.0     | 1.6 %     |
| pH 0.5 % in H <sub>2</sub> O                                                                          | 2.70 - 3.50   | 3.18      |
| Carboxyl. group                                                                                       | 56.00 - 68.00 | ***       |
| Brookfield Viscosity 25C (spindle 7 20 rpm)<br>0.5% in H <sub>2</sub> O (at pH 7.3 - 7.8 with NaOH)   | 40000 - 60000 | 57000 cps |
| Brookfield viscosity 25C ( spindle 6 20 rpm )<br>0.2% in H <sub>2</sub> O (at pH 7.3 - 7.8 with NaOH) | 20000 - 30000 | 25250 cps |

### **Certification and Compliance Statements**

#### **Other Certification Statements:**

**Product:** SYNTHALEN ® K  
**Lot Number:** 1526I067

#### **Authorized Signature:**



Jonathan Nigg, Quality Control Manager

**Date of Approval:** 07/02/2026

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## Certificate of Analysis

### Manufacturing Location

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

**Product:** SYNTHALEN ® K  
**3V Order Number:** 43420/S3  
**Customer Name:** 3V SIGMA EUROPE S.R.L.  
**Customer Order Number:** E12199 48370

**Lot Number:** 1526I066  
**Date of Manufacture:** 08/17/2026  
**Expiration Date:** 08/16/2028  
**Quantity Shipped:** 2440.0000 KG

### **TEST RESULTS**

| Test                                                                                     | Specification | Results   |
|------------------------------------------------------------------------------------------|---------------|-----------|
| Appearance (White Powder)                                                                | PASS - PASS   | PASS      |
| Residual Solvent (Conforms to the pharmacopeia)                                          | 0 - 600       | 98 ppm    |
| Identification test (IR)                                                                 | PASS - PASS   | ***       |
| Heavy metals                                                                             | 0 - 15        | ***       |
| Weight Loss                                                                              | 0.0 - 2.0     | 1.2 %     |
| pH 0.5 % in H2O                                                                          | 2.70 - 3.50   | 3.21      |
| Carboxyl. group                                                                          | 56.00 - 68.00 | ***       |
| Brookfield Viscosity 25C (spindle 7 20 rpm)<br>0.5% in H2O (at pH 7.3 - 7.8 with NaOH)   | 40000 - 60000 | 57000 cps |
| Brookfield viscosity 25C ( spindle 6 20 rpm )<br>0.2% in H2O (at pH 7.3 - 7.8 with NaOH) | 20000 - 30000 | 25000 cps |

### **Certification and Compliance Statements**

#### **Other Certification Statements:**

**Product:** SYNTHALEN ® K  
**Lot Number:** 1526I066

#### **Authorized Signature:**



Jonathan Nigg, Quality Control Manager

**Date of Approval:** 07/02/2026

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## Certificate of Analysis

### Manufacturing Location

3V SIGMA USA INC.  
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Georgetown, SC 29440

**Product:** SYNTHALEN W800  
**3V Order Number:** 43420/S3  
**Customer Name:** 3V SIGMA EUROPE S.R.L.  
**Customer Order Number:** E12199 48370

**Lot Number:** 1526I006  
**Date of Manufacture:** 08/05/2026  
**Expiration Date:** 08/05/2027  
**Quantity Shipped:** 3000.0000 KG

### **TEST RESULTS**

| Test                                                                                             | Specification | Results  |
|--------------------------------------------------------------------------------------------------|---------------|----------|
| Appearance (Milky white liquid)                                                                  | PASS - PASS   | PASS     |
| Odor (Low characteristic odor mild acrylic)                                                      | PASS - PASS   | PASS     |
| pH (as is)                                                                                       | 2.2 - 3.8     | 2.6      |
| Viscosity 25°C Brookfield (spindle RV4 20 rpm ) 3.3% content (at pH 7.5 with NaOH)               | 2500 - 6000   | 4350 cps |
| Brookfield Viscosity 25°C (spindle RV2 20 rpm) 3.3% content (at pH 7.5 with NaOH) with 0.2% NaCl | 400 - 1200    | 730 cps  |

### **Certification and Compliance Statements**

#### **Other Certification Statements:**

**Product:** SYNTHALEN W800  
**Lot Number:** 1526I006

#### **Authorized Signature:**

Jonathan Nigg, Quality Control Manager

**Date of Approval:** 07/02/2026

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## Certificate of Analysis

### Manufacturing Location

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

**Product:** SYNTHALEN® W2000

**3V Order Number:** 43420/S3

**Customer Name:** 3V SIGMA EUROPE S.R.L.

**Customer Order Number:** E12199 48370

**Lot Number:** 1526G121

**Date of Manufacture:** 06/12/2026

**Expiration Date:** 06/11/2028

**Quantity Shipped:** 3200.0000 KG

### **TEST RESULTS**

| Test                                                                                                 | Specification | Results   |
|------------------------------------------------------------------------------------------------------|---------------|-----------|
| Appearance (White Flowing Emulsion)                                                                  | PASS - PASS   | PASS      |
| Transmittance (425 nm) 4% in H <sub>2</sub> O pH 7-7.5 with NaOH                                     | 88.0 - 100.0  | 95.8 %    |
| Brookfield viscosity 25°C ( spindle 6 at 20 rpm ) 4.0% in H <sub>2</sub> O (at pH 7 - 7.5 with NaOH) | 20000 - 40000 | 24250 cps |

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### **Certification and Compliance Statements**

#### **Other Certification Statements:**

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**Product:** SYNTHALEN® W2000

**Lot Number:** 1526G121

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#### **Authorized Signature:**

Jonathan Nigg, Quality Control Manager

**Date of Approval:** 07/02/2026

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## Certificate of Analysis

### Manufacturing Location

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

**Product:** STABYLEN 30

**3V Order Number:** 43420/S3

**Customer Name:** 3V SIGMA EUROPE S.R.L.

**Customer Order Number:** E12199 48370

**Lot Number:** 1526H081

**Date of Manufacture:** 07/19/2026

**Expiration Date:** 07/18/2028

**Quantity Shipped:** 160.0000 KG

### **TEST RESULTS**

| Test                                                                                       | Specification | Results   |
|--------------------------------------------------------------------------------------------|---------------|-----------|
| Appearance (Fine White Powder)                                                             | PASS - PASS   | PASS      |
| Weight loss                                                                                | 0.0 - 2.0     | 1.6 %     |
| pH 0.5 % in H <sub>2</sub> O                                                               | 2.70 - 3.50   | 3.15      |
| Brookfield viscosity 25°C ( spindle 5 20 rpm ) 0.5 % in H <sub>2</sub> O (pH 7 with NaOH ) | 6000 - 15000  | 11200 cps |
| Brookfield viscosity 25°C ( spindle 4 20 rpm ) 0.2 % in H <sub>2</sub> O (pH 7 with NaOH ) | 3000 - 9000   | 6650 cps  |

### **Certification and Compliance Statements**

#### **Other Certification Statements:**

**Product:** STABYLEN 30

**Lot Number:** 1526H081

#### **Authorized Signature:**



Jonathan Nigg, Quality Control Manager

**Date of Approval:** 07/02/2026

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