



# CERTIFICATE OF ACCREDITATION



## **PRI Asphalt Technologies-Midwest, LLC** dba **Certerra Analytical**

in

**Munster, Indiana, USA**

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories ([aashtoresource.org](https://aashtoresource.org)).

Jim Tymon,  
AASHTO Executive Director

Matt Linneman,  
AASHTO COMP Chair

This certificate was generated on 10/27/2026 at 2:39 AM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://aashtoresource.org/aap/accreditation-directory)



# SCOPE OF AASHTO ACCREDITATION FOR:

PRI Asphalt Technologies-Midwest, LLC dba Certerra Analytical  
in Munster, Indiana, USA

## Quality Management System

### Standard:

### Accredited Since:

|                            |                                                                                                |            |
|----------------------------|------------------------------------------------------------------------------------------------|------------|
| R18                        | Establishing and Implementing a Quality System for Construction Materials Testing Laboratories | 06/07/2011 |
| D3666 (Asphalt Binder)     | Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials             | 12/10/2024 |
| D3666 (Emulsified Asphalt) | Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials             | 12/10/2024 |



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## Asphalt Binder

### Standard:

### Accredited Since:

|      |                                                                                                        |            |
|------|--------------------------------------------------------------------------------------------------------|------------|
| R28  | Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel                                   | 06/07/2011 |
| R29  | Grading or Verifying the Performance Grade of an Asphalt Binder                                        | 06/07/2011 |
| T44  | Solubility of Asphalt Materials in Trichloroethylene                                                   | 06/07/2011 |
| T48  | Flash Point by Cleveland Open Cup                                                                      | 06/07/2011 |
| T49  | Penetration of Original Sample of Asphalt Cement                                                       | 06/07/2011 |
| T50  | Float Test for Bituminous Materials                                                                    | 09/11/2012 |
| T51  | Ductility of Bituminous Materials                                                                      | 06/07/2011 |
| T53  | Softening Point of Bitumen (Ring-and-Ball Apparatus)                                                   | 12/30/2013 |
| T55  | Water in Petroleum Products and Bituminous Materials by Distillation                                   | 12/30/2013 |
| T78  | Distillation of Cut-Back Asphaltic (Bituminous) Products                                               | 12/30/2013 |
| T79  | Flash Point with Tag Open-Cup Apparatus for Use with Materials Having a Flash Less Than 93.3°C (200°F) | 05/25/2022 |
| T111 | Ash Content of Asphalt and Emulsified Asphalt Residues                                                 | 12/10/2024 |
| T179 | Effect of Heat and Air on Asphalt Materials [Thin-Film Oven Test]                                      | 07/24/2018 |
| T201 | Kinematic Viscosity                                                                                    | 12/30/2013 |
| T202 | Viscosity by Vacuum Capillary                                                                          | 06/07/2011 |
| T228 | Specific Gravity (Relative Density) of Asphalt Cement                                                  | 06/07/2011 |
| T240 | Rolling Thin-Film Oven Testing                                                                         | 06/07/2011 |
| T300 | Force Ductility Test of Bituminous Materials                                                           | 12/30/2013 |
| T301 | Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer                               | 06/07/2011 |
| T313 | Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)      | 06/07/2011 |
| T315 | Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)         | 06/07/2011 |
| T316 | Viscosity Determination of Asphalt Binder Using Rotational Viscometer                                  | 06/07/2011 |
| T350 | Multiple Stress Creep and Recovery (MSCR)                                                              | 02/26/2016 |



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## Asphalt Binder (Continued)

| Standard:                                                                                                    | Accredited Since: |
|--------------------------------------------------------------------------------------------------------------|-------------------|
| D5 Penetration of Original Sample of Asphalt Cement                                                          | 12/30/2013        |
| D36 Softening Point of Bitumen (Ring-and-Ball Apparatus)                                                     | 12/30/2013        |
| D70 Specific Gravity (Relative Density) of Asphalt Cement                                                    | 12/30/2013        |
| D92 Flash Point by Cleveland Open Cup                                                                        | 12/30/2013        |
| D95 Water in Petroleum Products and Bituminous Materials by Distillation                                     | 12/30/2013        |
| D113 Ductility of Bituminous Materials                                                                       | 12/30/2013        |
| D139 Float Test for Bituminous Materials                                                                     | 12/30/2013        |
| D402 Distillation of Cut-Back Asphaltic (Bituminous) Products                                                | 12/30/2013        |
| D1754 Effect of Heat and Air on Asphalt Materials [Thin-Film Oven Test]                                      | 07/24/2018        |
| D2042 Solubility of Asphalt Materials in Trichloroethylene                                                   | 12/30/2013        |
| D2170 Kinematic Viscosity                                                                                    | 12/30/2013        |
| D2171 Viscosity by Vacuum Capillary                                                                          | 12/30/2013        |
| D2872 Rolling Thin-Film Oven Testing                                                                         | 12/30/2013        |
| D3143 Flash Point with Tag Open-Cup Apparatus for Use with Materials Having a Flash Less Than 93.3°C (200°F) | 05/25/2022        |
| D4402 Viscosity Determination of Asphalt Binder Using Rotational Viscometer                                  | 12/30/2013        |
| D6084 Elastic Recovery Test of Bituminous Materials by Means of a Ductilometer                               | 12/30/2013        |
| D6521 Accelerated Aging of Asphalt Binder Using a Pressurized Aging Vessel                                   | 12/30/2013        |
| D6648 Determining the Flexural Creep Stiffness of Asphalt Binder Using the Bending Beam Rheometer (BBR)      | 12/30/2013        |
| D7175 Determining the Rheological Properties of Asphalt Binder Using a Dynamic Shear Rheometer (DSR)         | 12/30/2013        |
| D7405 Multiple Stress Creep and Recovery (MSCR)                                                              | 06/07/2011        |
| D7643 Determining the Continuous Grading Temperatures and Continuous Grades for PG Graded Asphalt Binders    | 07/24/2018        |
| D8078 Ash Content of Asphalt and Emulsified Asphalt Residues                                                 | 12/10/2024        |



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## Emulsified Asphalt

### Standard:

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|           |                                         |            |
|-----------|-----------------------------------------|------------|
| T59       | Aggregate Coating                       | 09/11/2012 |
| T59       | Cement Mixing                           | 09/11/2012 |
| T59       | Demulsibility                           | 09/11/2012 |
| T59       | Density                                 | 09/11/2012 |
| T59       | Freezing                                | 09/11/2012 |
| T59       | Particle Charge                         | 09/11/2012 |
| T59       | Residue by Distillation                 | 09/11/2012 |
| T59       | Residue by Evaporation                  | 09/11/2012 |
| T59       | Settlement and Storage Stability        | 09/11/2012 |
| T59       | Sieve Test                              | 09/11/2012 |
| T59-T72   | Saybolt Furol Viscosity at 25°C (77°F)  | 09/11/2012 |
| T59-T72   | Saybolt Furol Viscosity at 50°C (122°F) | 09/11/2012 |
| D6929     | Freezing                                | 02/26/2016 |
| D6930     | Settlement and Storage Stability        | 12/30/2013 |
| D6933     | Sieve Test                              | 12/30/2013 |
| D6934     | Residue by Evaporation                  | 12/30/2013 |
| D6935     | Cement Mixing                           | 12/30/2013 |
| D6936     | Demulsibility                           | 12/30/2013 |
| D6937     | Density                                 | 12/30/2013 |
| D6997     | Residue by Distillation                 | 12/30/2013 |
| D6998     | Aggregate Coating                       | 12/30/2013 |
| D7402     | Particle Charge                         | 12/30/2013 |
| D7496-D88 | Saybolt Furol Viscosity at 25°C (77°F)  | 12/30/2013 |



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## Emulsified Asphalt (Continued)

**Standard:****Accredited Since:**

D7496-D88 Saybolt Furol Viscosity at 50°C (122°F)

12/30/2013



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## Asphalt Mixture

### Standard:

### Accredited Since:

|               |                                                                                                      |            |
|---------------|------------------------------------------------------------------------------------------------------|------------|
| R47           | Reducing Samples of Hot-Mix Asphalt to Testing Size                                                  | 12/30/2013 |
| T30           | Mechanical Analysis of Extracted Aggregate                                                           | 12/30/2013 |
| T164          | Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)                                 | 12/30/2013 |
| T166 (Cores)  | Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)     | 07/24/2018 |
| T209          | Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures                                          | 12/30/2013 |
| T269          | Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures                             | 12/30/2013 |
| T308          | Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method                      | 12/30/2013 |
| T329          | Moisture Content of Hot-Mix Asphalt (HMA) by Oven Method                                             | 12/30/2013 |
| T331 (Cores)  | Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method (Cores) | 07/24/2018 |
| D2041         | Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures                                          | 12/30/2013 |
| D2172         | Quantitative Extraction of Asphalt Binder from Hot Mix Asphalt (HMA)                                 | 12/30/2013 |
| D2726 (Cores) | Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)     | 07/24/2018 |
| D3203         | Percent Air Voids in Compacted Dense and Open Bituminous Paving Mixtures                             | 12/30/2013 |
| D5404         | Recovery of Asphalt from Solution Using the Rotavapor Apparatus                                      | 12/30/2013 |
| D5444         | Mechanical Analysis of Extracted Aggregate                                                           | 12/30/2013 |
| D6307         | Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method                      | 12/30/2013 |
| D6752 (Cores) | Bulk Specific Gravity of Compacted Bituminous Mixtures Using Automatic Vacuum Sealing Method (Cores) | 07/24/2018 |
| D8159         | Automated Extraction of Asphalt Binder from Asphalt Mixtures                                         | 12/10/2024 |



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## Aggregate

### Standard:

### Accredited Since:

|      |                                                                                   |            |
|------|-----------------------------------------------------------------------------------|------------|
| R76  | Reducing Samples of Aggregate to Testing Size                                     | 09/25/2014 |
| R90  | Sampling Aggregate                                                                | 09/25/2014 |
| T11  | Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing | 07/24/2018 |
| T27  | Sieve Analysis of Fine and Coarse Aggregates                                      | 09/25/2014 |
| T84  | Specific Gravity (Relative Density) and Absorption of Fine Aggregate              | 09/25/2014 |
| T85  | Specific Gravity and Absorption of Coarse Aggregate                               | 09/25/2014 |
| C117 | Materials Finer Than 75- $\mu$ m (No. 200) Sieve in Mineral Aggregates by Washing | 07/24/2018 |
| C127 | Specific Gravity and Absorption of Coarse Aggregate                               | 09/25/2014 |
| C128 | Specific Gravity (Relative Density) and Absorption of Fine Aggregate              | 09/25/2014 |
| C136 | Sieve Analysis of Fine and Coarse Aggregates                                      | 09/25/2014 |
| C702 | Reducing Samples of Aggregate to Testing Size                                     | 09/25/2014 |
| D75  | Sampling Aggregate                                                                | 09/25/2014 |