



MOUNTAIN STATES ASPHALT INC.

205 s Emerald Rd
Tooele, UT 84074

SUPERPAVE™ Binder Grade: PG 76-34 UT		Date Recieved: 9/3/2024	By: JH
Sample ID: Sept #1			
Sample Condition (ie Good/Open): Good		Date Tested: 9/3/2024	By: JH
Test		Temp	Method
Specification		Result	
ORIGINAL BINDER			
AASHTO M 320 Requirements			
Viscosity, Pa*s		135°C	T 316
			3.0 max
Dynamic Shear		76°C	T 315
G*, 10 rad./sec., kPa			
Phase Angle, δ (°)			71 max
			57.3°
RTFOT RESIDUE			
AASHTO M 320 Requirements			
Mass Change, % (Mass Loss is reported as Negative)			T 240
			1.0 max
Dynamic Shear		76°C	T 315
G*/sinδ, 10 rad./sec., kPa			2.2 min
			3.00
Additional Requirements			
Elastic Recovery, %		25°C	T 301
			90 min
			93%
PRESSURE AGING RESIDUE (100°C, 300 psi, 20 hr.)			
AASHTO M 320 Requirements			
Dynamic Shear		25°C	T 315
G*(sinδ), 10 rad./sec., kPa			5,000 max
			893
Creep Stiffness		-24°C	T 313
Stiffness, MPa (60 sec.)			
m Value			0.300 min
			0.319
Creep Stiffness -6°C		-30°C	T 313
Stiffness, MPa (60 sec.)			
m Value			Report
			0.256
Delta Tc			-
			-1 min
			0.9

*Result from subcontractor

Notes: This sample complied with the requirments of UDOT Section 02745 - Asphalt Materials, PG 76-34

Tested By:

Jameson Hulse, Binder Tech

Reviewed By:

Gene Christenbery, Vice President