

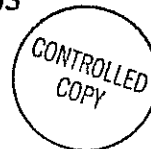
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**NUMBER:**  
24

**APPROVED:** Michael J. Ziegler  
Plant Manager

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**SUPERSEDE**  
04-05-00

**MANUAL TYPE:** CHEMICAL PRODUCT SPECIFICATIONS

**TITLE:** POTASSIUM DIPHENYLSULFONE SULFONATE (KSS)

<u>PARAMETER METHOD</u>	<u>LIMITS</u>	<u>TEST</u>
Appearance	White Powder (Pass or Fail)	Visual
KSS Purity, %	60.0 Min	118
DKSS, %	28.0 Max	118
Isomers + Unknown	12.0 Max	118
Moisture Content, %	1.8 Max	138
Sulfate,	1.0 Max	109
Iron	5.0 ppm Max	106
pH of Water Solution	7.0 ± 0.3	111
DPS, %	0.5 Max	118

Water solution upon 4 to 1 dilution shall be haze free and contain no insolubles.

Solution color shall be light straw not to exceed an APHA value of 50.