

**AUTHOR:** *Hans Walden,*  
Analytical Chemist

**EFFECTIVE**  
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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</u> <u>METHOD</u>	<u>LIMITS</u>	<u>TEST</u>
<i>Appearance</i>	<i>White Powder</i> <i>(Pass or Fail)</i>	<i>Visual</i>
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.