



Dephenolized Cresylic Acid

A product of Dakota Gasification Company

Typical Results (Results are average of 84 railcars loaded July 2022-July 2023)

<u>Parameter</u>	<u>Units</u>	<u>Typical Result</u>
Phenol	Wt %	1.1
Ortho Cresol	Wt %	21.0
2,6-Xylenol	Wt %	0.7
Meta-Cresol	Wt %	30.5
Para-Cresol	Wt %	23.3
Ortho-Ethylphenol	Wt %	1.8
2,4 + 2,5-Xylenol	Wt %	7.1
2,3-Xylenol	Wt %	0.97
3,5-Xylenol	Wt %	1.5
Para-Ethylphenol	Wt %	2.7
Meta-Ethylphenol	Wt %	2.0
3,4-Xylenol	Wt %	0.35
<i>Subtotal C7 & C8 Phenolics</i>	Wt %	93.0
C9 Phenolics	Wt %	0.6

Impurities		
Water	Wt %	0.01
Guaiacol	Wt %	3.9
Dihydric Phenols	Wt %	0.02
Neutral Oils	Wt %	1.0
Tarbases	Wt %	<0.005
Total Sulfur Compounds	Wt %	0.1
Others (includes pitch, methyl substituted guaiacols, C10 phenolics, non-catechol dihydroxy phenols, and unidentified nitrogen compounds)	Wt %	1.0
Misc		
GCV	BTU/lb	14770
Specific Gravity		1.0155