



Technical Data Sheet

HYSTRENE 5016 NFFG P

Technical Name: Stearic Acid
CAS #: 57-11-4
Appearance: Off White

Technical Parameters:

	Min	Max
Acid number	206.0%	210.0%
Iodine value	0.0	0.5
Residue on ignition	0.00%	0.10%
Sap Value	207.0	211.0
Thru 100 mesh	95.0%	100.0%
Titer	54.5%	56.5%
Trans @ 440 nm	92.0%	100.0%
Trans @ 550 nm	98.0%	100.0%
Water	0.00%	0.20%
CET-Chick EDEMA TEST	PASS	PASS
Unsaponifiabiles	0.0%	0.2%
CHICK EDEMA FACTOR FREE	Pass	
Identification A Freezing Deg C	53.0	59.0
Identification B Acid number	194.0	212.0
Color Standard BY	Pass	
Identification C Palmitic Acid	Pass	
Heavy Metals		0.0010
Acidity		
GLC -C16+18	90.0	100.

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.

1665 Enterprise Parkway, Twinsburg, OH, 44087 Tel: (330) 920-8023 Fax: (330) 920-0971



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