



ARKEMA INC.
2000 Market Street
Philadelphia, PA 19103
215-419-7000

HYDROGEN PEROXIDE, VALSTERANE® 35% and 50%

SPECIFICATIONS

	35%		50%	
	Minimum	Maximum	Minimum	Maximum
Hydrogen Peroxide, %	35.0	35.7	50.0	50.7
pH, Apparent	2.4	3.8	1.5	3.0
Color, APHA		10		10
Appearance	Clear		Clear	

PROPERTIES

Active Oxygen, %	16.4	23.5
Specific Gravity @ 20°C		
lb/gal	9.45	9.98
g/mL	1.132	1.195
Boiling Point @ 760 mm Hg, °C	108	114
Freezing Point, °C	-32	-51
Vapor Pressure @ 30°C, mmHg	23	18
Appearance	Clear liquid with a slightly pungent odor	

MISCELLANEOUS

CAS No.: 7722-84-1

Valsterane® meets the specifications for hydrogen peroxide as required by the "Food Chemicals Codex" (FCC), 5th Edition. FCC requirements are as follows:

ASSAY:	Within range stated
LEAD, as Pb:	≤ 4 ppm
RESIDUE ON EVAPORATION:	≤ 60 ppm
PHOSPHATE:	≤ 50 ppm
ACIDITY, as H ₂ SO ₄ :	< 0.03%
IRON:	< 0.5 ppm
TIN:	< 10 ppm

Customer Service: 1.800.346.5757

December 28, 2004

BEFORE HANDLING THIS MATERIAL, READ AND UNDERSTAND THE MSDS (MATERIAL SAFETY DATA SHEET) FOR ADDITIONAL INFORMATION ON PERSONAL PROTECTIVE EQUIPMENT AND FOR SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION.

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