



PASSION. PARTNERSHIP. POSSIBILITIES.

## CERTIFICATE OF ANALYSIS

The following lot(s) have been produced and shipped in accordance with **Title 21CFR § 820 & 210 Current Good Manufacturing Practices (cGMP)**. The characterization data has been measured according to Quality Assurance procedures. Certificates of Analysis is valid until expiration date.

Item Number	852	Lot Number	MK11517
Item	Alcohol Pre Pad	Expiration Date	March,2022

TEST	SPECIFICATION		STANDARD OR TEST METHOD	RESULT
	MIN	MAX		
ASSAY (CH <sub>3</sub> CH(OH)CH <sub>3</sub> )	68%	72%	GC	70.949%
APPEARANCE	TO PASS TEST		Visual	Pass
DYE PENETRATION	TO PASS TEST		ASTM 1928-98	Pass
PEEL STRENGTH	6N/15mm		ASTM F88	9.29N/15mm
SOLUTION VOLUME	0.29 g/pad	0.39 g/pad	USP<731>	0.35g/pad
PH	5.7	6.7		6.07
STERILITY TEST			cUSP<71>	
TSB	NEGATIVE		cUSP<71>	NEGATIVE
FTM	NEGATIVE		cUSP<71>	NEGATIVE
SPECIFIC GRAVITY@20 °C	0.872	0.883	cUSP	0.8747
ACIDITY	TO PASS TEST		cUSP	Pass
LIMIT OF NONVOLATILE RESIDUE		0.01%	cUSP	0.001%
POUCH SIZE	48x48mm	52x52mm	Caliper	50x50mm
MANUFACTURE DATE				May 2, 2017

Should you require any additional information, please contact Dukal Corporation Quality Department at (631)656-3800.

Prepared By;

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