



PASSION. PARTNERSHIP. POSSIBILITIES.

## CERTIFICATE OF ANALYSIS AND COMPLIANCE

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	853	Lot Number	JT11418
Item	Alcohol Pre Pad	Expiration Date	Mar-2023

TEST	SPECIFICATION		STANDARD OR TEST METHOD	RESULT
	MIN	MAX		
ASSAY (CH <sub>3</sub> CH(OH)CH <sub>3</sub> )	68%	72%	Distillation gravity	Conforms
APPEARANCE	TO PASS TEST		Visual	Conforms
DYE PENETRATION	TO PASS TEST		ASTM 1929	Conforms
PEEL STRENGTH	6N/15mm		ASTM F88	9.46N/15mm
STERILITY TEST				
TSB	NEGATIVE		USP40<71>	NEGATIVE
FTM	NEGATIVE		USP40<71>	NEGATIVE
SOLUTION VOLUME	0.3 g/pad		USP40<731>	0.35g/pad
SPECIFIC GRAVITY@20 °C	0.872	0.883	USP40	0.873
ACIDITY	TO PASS TEST		USP40	Conforms
LIMIT OF NONVOLATILE RESIDUE		5.0mg	USP40	0.3mg
POUCH SIZE	49x49mm	51x51mm	Caliper	50x50 mm
MANUFACTURE DATE				02-May-2018

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

Prepared By,

**Kevin Willette**  
**Quality Assurance and Regulatory Affairs Complaint Specialist**