



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 ₃ CH(OH)CH ₃)	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>	0.36g/pad	
SPECIFIC GRAVITY@20 °C	0.872	0.883	USP40	0.872	
ACIDITY	TO PASS TEST		USP40	Conforms	
LIMIT OF NONVOLATILE RESIDUE			5.0mg	USP40	0.2mg
POUCH SIZE	49x49mm	51x51mm	Caliper	50x50 mm	
MANUFACTURE DATE				28-Apr-2018	

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

Prepared By;

Megan Quevedo
Quality Assurance and Regulatory Affairs Complaint Specialist