

INEOS Nitriles

HPLC ACETONITRILE

SPECIFICATION SHEET

	<u>SALES SPEC.</u>	<u>TEST METHOD</u>
Acetonitrile, %/wt. Min.	99.9	ACEN - 3-4
Titration Acid, $\mu\text{eq} / \text{g}$ Max	≤ 8.0	ACEN - 24-4
Titration Base, $\mu\text{eq} / \text{g}$ Max	≤ 0.35	ACEN - 25-4
UV Absorbance		ACEN - 21-4
254 nm	≤ 0.005 AU	
220 nm	≤ 0.02 AU	
200 nm	≤ 0.05 AU	
190 nm	≤ 1.0 AU	
Gradient Elution (254 nm)	≤ 0.005 AU	ACEN - 21-4
Water, ppm Max.	≤ 100	ACEN - 7-4
Color, (APHA Pt - Co)	≤ 10	ACEN - 8-4
Non Volatile Matter, ppm(w/w) Max	≤ 3	ACEN - 22-4
Specific Gravity 20/20 °C	0.780 - 0.785	ACEN - 1-4
Distillation Range		ACEN - 2-4
Initial, °C min	80.5	
Dry Point, °C max	82.5	
Appearance	Clear and free of suspended matter	ACEN - 9-4