

# INEOS Nitriles

## High Purity ACETONITRILE

### SPECIFICATION SHEET

	<u>SALES SPEC.</u>	<u>TEST METHOD</u>
Acetonitrile %/wt. min	99.9	ACEN - 3-4
Acidity %/wt. max.	0.05	ACEN - 4-4
Free Ammonia, ppm max.	6.0	ACEN - 6-4
Titration Acid, $\mu\text{eq/gm}$ max.	8.0	ACEN - 24-4
Titration Base, $\mu\text{eq/gm}$ max.	0.35	ACEN - 25-4
Copper, ppm max.	0.5	ACEN - 13-4
Iron, ppm max.	0.5	ACEN - 14-4
Water, %/wt. max.	0.05	ACEN - 7-4
UV Cutoff	205 NM max.	ACEN - 21-4
Acrylonitrile, ppm max.	3	ACEN - 23-4
Propionitrile, ppm max.	300	ACEN - 23-4
Non Volatiles Matter, ppm max.	10	ACEN - 22-4
Color (APHA Pt - Co)	$\leq 5$	ACEN - 8-4
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