



Specification – Acetone

Specification for **Acetone**
Product Code **ACETGEN**

Conforms BS 509 / ASTM D329

Standard Specifications				
Properties	Units	Methods	Specification	
			Min	Max
Appearance	-	Visual	Clear and free from suspended matter	
Purity	% (w/w)	GC/ATSM 3545	99.5	
Assay	% (w/w)	-	Not recorded	
Density at 15 °C (Approx 60°F)	kg / L	ASTM D 4052/ASTM D 3505	0.796	0.798
Density at 20 °C	kg / L	ASTM D 4052	0.789	0.792
Distillation range	°C	ASTM D 1078/IP 195/ASTM D 850	Not recorded	
Initial Boiling Point (IBP)	°C	ASTM D 1078/ASTM D 86	Not recorded	
Dry Point (DP)	°C	ASTM D 1078/ASTM D 86	Not recorded	
Flash point	°C	EN ISO 13736/ASTM D 93/IP 170	Not recorded	
Colour (Pt-Co/Hazen)	Pt-Co	ASTM D 1209		10
Colour (Saybolt)	-	ASTM D 156	Not recorded	
Water content	% (w/w)	ASTM D 1364		0.3
Water miscibility	% (w/w)	ASTM D 1722	Not recorded	
Acidity as Acetic Acid - (CH ₃ COOH)	% (w/w)	ASTM D 1613		0.002
Acidity mg. NaOH/100 ml	-	ASTM D 847	Not recorded	
Refractive index at 20 °C	-	ASTM D 1218	Not recorded	
Aromatics	% (v/v)	CSL 606-17/ASTM D 6563	Not recorded	
Non-aromatics	% (v/v)	ASTM D 2360	Not recorded	
Free from SH ₂ & SO ₂	-	ASTM D 853	Not recorded	
Odour	-	IWG IH 90-2	Not recorded	
Residue on evaporation	% (w/w)	ASTM D 1353/IBES 07/ASTM D 1296	Not recorded	
Additional Specifications				
Permanganate Time	Hours	BTM15700/ASTM D1078	> 3	

Where multiple methods are listed, the testing method may vary between batches. There may not be data for all tests listed. This data is correct and reliable to the best of our knowledge and provided in good faith but without guarantee. It is the responsibility of the customer to ensure that the product is suitable for their end use and to ensure its correct handling. Please refer to the product Safety Data Sheet for health, safety and environmental information, or contact us for further information.