

J.V. Barrett & Co. Ltd.
Barrettine Group
St. Ivel Way, Warmley
Bristol BS30 8TY
Telephone +44 (0) 117 9600060
Email: sales@barrettine.co.uk



Barrettine
Group
www.barrettine.co.uk

Specification – Acetone

Specification for

Acetone

Product Code

ACETGEN

In line with:

BS 509 / ASTM D329 07

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 760	°C	ASTM D 1078	55 to 57	
Initial Boiling Point (IBP)	°C	ASTM D 1078	55.6	
Dry Point (DP)	°C	ASTM D 1078		57
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	-	
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	
Residue on evaporation	% (w/w)	ASTM D 1353/IBES 07/ASTM D 1296	Not recorded	
Non-Volatile Matter	Mg/100ml	ASTM D1353 13		5
Aldehydes	-	ASTM D329 07	PASS	
Alkalinity (as Ammonia)	%w/w	ASTM D1614-09	PASS	
Odour		Non Residual	PASS	
Permanganate Time	Hours	BTM15700/ASTM D1078	> 1.5	

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.