



SASOL
reaching new frontiers

Acetone

Product Specification - Version 10a dated 7/31/14

Specifications	Minimum	Maximum	Test Method
Purity (wt% - wet basis)	99.5		GC
Specific Gravity @ 20/20C	0.7910	0.7930	ASTM D4052
Water (wt%)		0.5	ASTM D1364
Acidity as Acetic Acid (wt%)		0.002	ASTM D1613
Alkalinity as NH ₃ (wt%)		0.001	ASTM D1614
Color (Pt-Co)		5	ASTM D5386/D1209
Distillation Range (degrees C)	1C including 56.1C		ASTM D1078
Permanganate Stability (mins@25C)	120		ASTM D1363
Residue on Evaporation (mg/100ml)		2	ASTM D1353
Benzene (PPM or mg/kg)		10	GC
Miscibility with DIW	No Opalescence		ASTM D1722
Appearance	Clear and bright		ASTM E2680

Notes: Typical product at manufacture satisfies ASTM D329-07 test criteria.

Reason for revision:

Version 8a dated 11/15/12 GAT – Appearance E2680

Version 9a dated 11/5/13 GAT – Purity wet basis, Color D5386/D1209

Version 10a dated 7/31/14 GAT – Sasol Chemicals (USA) LLC

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