

SALES PRODUCT SPECIFICATION

Product Name :	Isopropyl Alcohol C+ Grade
Specification Reference :	35IPR0005KL
Issue No :	2
Date of Issue :	19/08/2016

Properties	Units	Minimum	Maximum	Test Method
Purity	% m/m	99.9		DIN 55685
Water Content	% m/m		0.10	ASTM D1364
Acidity, as acetic acid	% m/m		0.001	ASTM D1613
Water miscibility	Miscible	Pass		ASTM D1722
Non-volatile Residue	g/100ml		0.001	ASTM D1353
Appearance	Clear and free from suspended matter	Pass		ASTM D4176
Initial diluted odor		4		SMS 547
Colour (4)	Pt-Co		5	ASTM D1209
Density @ 20°C (4)	g/ml	0.785	0.786	ASTM D4052
Distillation I.B.P (4)	°C	81.8		ASTM D1078
Distillation D.P (4)	°C		82.8	ASTM D1078
Refractive Index @ 20°C (4)		1.376	1.378	ASTM D1218
Benzene, max (4)	mg/kg		1	EUR.PHARM
UV Absorbance @230 nm			0.30	EUR.PHARM
UV Absorbance @250 nm			0.10	EUR.PHARM
UV Absorbance @270 nm			0.03	EUR.PHARM
UV Absorbance @290 nm			0.02	EUR.PHARM
UV Absorbance @310 nm			0.01	EUR.PHARM

Notes: (4)-Agreed specification limits – no results: Statistical average value reported

Additional Information :

Product as produced complies with the European Pharmacopoeia, ASTM D 770 and DIN 53245.

This certificate has been computer generated and therefore is not signed.

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