



Sales Specification

Shell Product : IPA (Isopropyl Alcohol) C+
Shell Spec. No. : S1114 / 1030
Customer :
Effective Date : 03-November-2016

Property	Units	Minimum	Maximum	N	Method
Purity	%m/m	99,9			DIN 55685
Water	%m/m		0,1		ASTM D1364
Acidity as acetic acid	%m/m		0,001		ASTM D1613
Water Miscibility	Miscible				ASTM D1722
Nonvolatile Residue	g/100ml		0,001		ASTM D1353
Appearance	Clear & Free From Suspended Matter				ASTM D4176
Color, Pt-Co			5		ASTM D1209
Density @20C	g/ml	0,785	0,786		ASTM D4052
Distillation, IBP	°C	81,8			ASTM D1078
Distillation, DP	°C		82,8		ASTM D1078
Benzene	mg/kg		1	4	EUR.PHARM 2.2.28
Refractive Index @20C				4	ASTM D1218
UV absorbance @ 230 nm			0,30		Eur.Pharm 2.2.25
UV absorbance @ 250 nm			0,10		Eur.Pharm 2.2.25
UV absorbance @ 270 nm			0,03		Eur.Pharm 2.2.25
UV absorbance @ 290 nm			0,02		Eur.Pharm 2.2.25
UV absorbance @ 310 nm			0,01		Eur.Pharm 2.2.25

(N)otes : 4-Agreed Specification limits - no results: Statistical average value reported

Product as produced complies with the European Pharmacopoeia, ASTM D770 and DIN 53245.
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