LAB ALLEY
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PRODUCT SPECIFICATION SHEET

Benzyl Alcohol

NF/FCC Grade

Test	Specification	Typical Lot Result
Assay (FCC), %	≥ 99.0	99.9
Assay, %	≥ 99.8	100.0
Benzaldehyde, %	≤ 0.15	0.01
Cyclohexylmethanol, %	To Pass Test	Pass
Peaks with RT<Bzalc, %	≤ 0.04	0.01
Peaks with RT>Bzalc, %	≤ 0.3	0.0
Peroxide Value	≤ 5	0
Refractive Index @ 20^{O}C	1.539 – 1.541	1.540
Residue on Evap NMT 5mg (NF)	To Pass Test	Pass
Specific Gravity (@25^{O}/25^{O}C)	1.042 – 1.047	1.045
Acidity (NF), ml	≤ 1.0	0.0
Aldehydes, %	≤ 0.2	0.0
Appearance	Clear & Colorless	Pass
Chlorinated Compounds (FCC)	To Pass Test	Pass
Clarity of Solution (NF)	To Pass Test	Pass
Color of Solution (NF)	To Pass Test	Pass
Distil. Range (202.5 – 206.5^{O}C)	To Pass Test	Pass
Identification (NF/FCC)	To Pass Test	Pass
NF Assay (98.0 – 100.5%)	To Pass Test	Pass
Residual Solvent Benzene, ppm	≤ 2	0
Residual Solvent Toluene, ppm	≤ 30	3
Residual Solvents	To Pass Test	Pass

Appropriate/legal use of this product is the responsibility of the user

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