

## n-Butanol

NO.	Test	Method	Result	Units
1	Appearance	Visual	Clear & free of suspended Matter	-
2	Color	ASTM D1209	<5	Pt-Co
3	Density @20°C (Vacuum)	ASTM D4052	0.8095	Kg/L
4	Density @20°C (Air)	ASTM D4052	0.8084	Kg/L
5	Density @15°C (Vacuum)	ASTM D4052	0.8133	Kg/L
6	Acidity as Acetic Acid	ASTM D1613	0.0011	WL %
7	IBP	ASTM D1078	117.1	°C
8	DP	ASTM D1078	ASTM D1078	°C
9	Non-Volatile Matter	ASTM D1353	<1.0	mg/1000mL
10	Water Content	ASTM E1064	0.026	Wt. %
11	N-Butanol	GC	99.86	% Vol
12	Iso Butanol	GC	0.13	% Vol
13	Aldehyde content as Acetaldehyde	GC	<0.01	% Vol