



## Certificate Of Analysis

Product name: N Butanol

### Technical Data Sheet Of N- BUTANOL

TYPICAL PROPERTIES:

	Specification	Analytical Method
Normal-Butanol	99.8% wt min	HY 221
Acidity as acetic acid	0.005% wt max	HY 28 (ASTM D 1613)
Water	0.05% wt max	HY 11 (ASTM D 1364)
Color (APHA)	5 max	HY 4 (ASTM D 1209)
Sulfuric acid Color (APHA)	25 max	HY 5 (BS 4583, ASTM D1209)
Aldehyde as Butyraldehyde	40 ppm (wt) max	HY 2 (BS 4583) or HY221
Iso Butanol	1000 ppm (wt) max	HY 221
Total Butyrates	50 ppm (wt) max	HY 221
Butyl Butyrates	40 ppm (wt) max	HY 221
Residue on Evaporation	0.005 g/100ml	HY 48 (BS 508-1)
Chlorides	1.0 ppm (wt) max	HY 617
Iron as Fe	0.3 ppm (wt) max	HY 671
Distillation Range	117-119°C	HY 6 (ASTM 1078)
Butyl Ether (Di-Butyl Ether)	0.05% wt max	HY 221
Total Carbonyl as C=O	50 ppm (wt) max	HY 2 (BS 4583)