



Certificate of Analysis

Specification of Butanol

Sr No.	Characteristics	Specifications
1	assay	99.9%
2	vapor density	2.55 (vs air)
3	autoignition temp	649 °F
4	expl. lim.	11.2 %
5	Acidity (as Acetic acid)	≤0.005%
6	<i>n</i> -Butyraldehyde	≤0.020%
7	Nonvolatile matter	≤0.05 mg/m
8	Carbonyl (as C=O)	≤0.050%
9	water (Karl Fischer)	≤0.1%
10	Di- <i>n</i> -butyl ether	≤0.100%
11	Isobutyl alcohol	≤0.100%
12	bp	116-118 °C(lit.)
13	mp	-90 °C(lit.)
14	density	0.81 g/mL at 25 °C(lit.)
15	Fe	≤0.3 ppm

For any further clarification in this regards please do feel free to contact us at any point of time at info@arrowfinechemicals.com.

Assuring you great attention at all times.

For Arrow Fine Chemicals

Quality Assurance Department

** Note : This is a computer generated report hence not needed to sign.

