

**Butyl Alcohol, Reagent, A.C.S.**

$\text{CH}_3(\text{CH}_2)_2\text{CH}_2\text{OH}$		FW 74.12	
CAS 71-36-3			
15824-360		6X1 L	244.73
15824-540	4 L	107.98	4X4 L 287.94
15824-700	20 L	247.98	

**A.C.S. Specifications**

Assay[ $\text{CH}_3(\text{CH}_2)_2\text{CH}_2\text{OH}$ ]	.99.4% min.
Color (APHA)	.10 max.
Residue after evaporation	.0005% max.
Titration acid	.0008 meq/g max.
Carbonyl compounds (as butyraldehyde)	.01% max.
Butyl ether	.02% max.
Water( $\text{H}_2\text{O}$ )	.01% max.

**iso-Butyl Alcohol, Accusolv**

Suitable for Spectrophotometry and Chromatography

$(\text{CH}_3)_2\text{CHCH}_2\text{OH}$		FW 74.12	
CAS 78-83-1			
15912-540	4 L	127.07	4X4 L 338.86

Actual lot analysis on the label

**Specifications**

**UV Absorbance**  
(1 cm Cell vs Water)

Wavelength (nm)	Maximum Absorbance
220	1.000
230	0.500
250	0.100
330	0.010

Assay (GC)	.99.0% min.
Water( $\text{H}_2\text{O}$ )	.05% max.
Titration acid	.0005 meq/g max.
Residue after evaporation	.5 mg/L max.

Filtered through a 0.2µm filter

**iso-Butyl Alcohol, Reagent, A.C.S.**

$(\text{CH}_3)_2\text{CHCH}_2\text{OH}$		FW 74.12	
CAS 78-83-1			
15916-360		6X1 L	254.93
15916-540	4 L	119.91	4X4 L 319.74

**A.C.S. Specifications**

Assay[ $(\text{CH}_3)_2\text{CHCH}_2\text{OH}$ ]	.99.0% min.
Color (APHA)	.10 max.
Residue after evaporation	.0001% max.
Solubility in water	.P.T.
Titration acid	.0005 meq/g max.
Water( $\text{H}_2\text{O}$ )	.01% max.
Carbonyl compounds:	
Butyraldehyde	.01% max.
2-Butanone	.02% max.

**tert-Butyl Alcohol, Reagent**

$(\text{CH}_3)_3\text{COH}$	FW 74.12
-----------------------------	----------

CAS 75-65-0

16054-360		6X1 L	293.07
16054-540	4 L	146.89	4X4 L 499.43
16054-700	20 L	273.96	

**Specifications**

Assay[ $(\text{CH}_3)_3\text{COH}$ ]	.99.0% min.
Color (APHA)	.10 max.
Residue after evaporation	.0003% max.
Water ( $\text{H}_2\text{O}$ )	.02% max.

**Butyric Acid, 99%**

$\text{CH}_3(\text{CH}_2)_2\text{CO}_2\text{H}$		FW 88.11	
CAS 107-92-6			

17296-320	500 mL	44.75
-----------	--------	-------

Melting point . . . . . -7 to -5° C

**Cadmium Standard, Atomic Absorption**

17565-160	100 mL	18.12
17565-320	500 mL	46.75

**Actual lot Assay value on label**

1000 µg/mL Cd (8.89 mmol. 1<sup>-1</sup>)  
In dilute  $\text{HNO}_3$

Traceable to NIST standards