

# Technical Specification

**PRODUCT : BUTANOL-1 RPE - For analysis - ISO**

**CODE : 414130**

**MOLECULAR WEIGHT :74.12**

**CAS N° : 71-36-3**

**FORMULA : C4H10O**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Conform
Density at 20°C	-	0.808 - 0.810
Boiling point	°C	116 - 119
Water (K.F.)	%	<= 0.1
Residue on evaporation	ppm	<= 10
Acidity	meq/g	<= 0.0008
Alcalinity (NaOH)	ppm	<= 5
Carbonyl compounds (as CO)	ppm	<= 200
Acetone	ppm	<= 100
Isobutylalcohol	%	<= 0.15
2-Butanol	%	<= 0.05
di-Butylether	%	<= 0.1
Butyraldehyde	ppm	<= 200
Readily carbonizable substances	-	Conform
Al	ppm	<= 0.5
Ba	ppm	<= 0.1
Ca	ppm	<= 0.5
Cd	ppm	<= 0.05
Co	ppm	<= 0.02
Cr	ppm	<= 0.02
Cu	ppm	<= 0.02
Fe	ppm	<= 0.1
Mg	ppm	<= 0.1
Mn	ppm	<= 0.02
Ni	ppm	<= 0.02
Pb	ppm	<= 0.1
Zn	ppm	<= 0.1
Assay (GC)	%	>= 99.5

Soluble in water

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in