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AC0090 n-Butyl acetate, EssentQ®



assay (G.C.) min. 99 %	water (K.F.) max. 0,05 %
identity (IR-spectrum) passes test	
density (20°/4°) 0,879 - 0,881	
acidity (as CH ₃ COOH) max. 0,01 %	
residue on evaporation max. 0,005 %	

ART. NO.	VOLUME	CONTAINER
AC00901000	1 l	0
AC00902500	2,5 l	0
AC0090005P	5 l	0

AC0093 n-Butyl acetate, ExpertQ®, for analysis, ACS



assay (G.C.) min. 99,5 %	iron (Fe) max. 0,1 ppm
identity (IR-spectrum) passes test	lead (Pb) max. 0,1 ppm
density (20°/4°) 0,879 - 0,881	magnesium (Mg) max. 0,1 ppm
colour (Hazen) max. 10	manganese (Mn) max. 0,02 ppm
acidity max. 0,0016 meq/g	nickel (Ni) max. 0,02 ppm
aluminium (Al) max. 0,5 ppm	tin (Sn) max. 0,1 ppm
barium (Ba) max. 0,1 ppm	zinc (Zn) max. 0,1 ppm
boron (B) max. 0,02 ppm	n-butanol (G.C.) max. 0,2 %
cadmium (Cd) max. 0,05 ppm	n-butyl formate (G.C.) max. 0,1 %
calcium (Ca) max. 0,5 ppm	n-butyl propionate (G.C.) max. 0,1 %
chromium (Cr) max. 0,02 ppm	substances darkened by H ₂ SO ₄ passes test
cobalt (Co) max. 0,02 ppm	residue on evaporation max. 0,001 %
copper (Cu) max. 0,02 ppm	water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AC00931000	1 l	0
AC00932500	2,5 l	0
AC0093025A	25 l	0

AC0091 n-Butyl acetate, standard substance for GC



assay 99,8%
over ramp 60°C, 6°C/min 160°C, 20°C/min 220°C
identity IR

ART. NO.	VOLUME	CONTAINER
AC00910005	5 ml	0

n-BUTYLAMINE



- Synonyms: 1-Aminobutane
- C₄H₁₁N
- M = 73,14 g/mol
- CAS [109-73-9]
- EINECS-No.: 203-699-2
- Density: 0,74 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -50 °C
- Boiling point: 76 - 78 °C
- Flash pt. -12 °C
- Ignition temp.: 290 °C
- Vapour pressure: (20 °C) 93 hPa
- Refraction index: (n 20 °C/D) 1,4015
- LD 50 (oral, rat): 366 mg/kg

- EC-Index-No.: 612-005-00-0
- ADR: 3 FC II UN 1125
- IMDG: 3 II UN 1125
- IATA/ICAO: 3 II UN 1125
- GHS-signal word: Danger
- GHS-H sentences: H225 - H314 - H302 - H312 - H332
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2921 19 80 90
- Applications: synthesis of organic products, for pharmaceutical use, manufacture of dyes, in the rubber industry, emulsifier, insecticide, cosmetics.

BU0020 n-Butylamine, EssentQ®



assay (G.C.) min. 99 %	water (K.F.) max. 0,2 %
identity (IR-spectrum) passes test	
density (20°/4°) 0,736 - 0,738	
residue on evaporation max. 0,005 %	

ART. NO.	VOLUME	CONTAINER
BU00201000	1 l	0
BU0020025A	25 l	0

BU0022 n-Butylamine, ExpertQ®, for analysis



assay (G.C.) min. 99,5 %	heavy metals (as Pb) max. 0,5 ppm
identity (IR-spectrum) passes test	iron (Fe) max. 0,5 ppm
density (20°/4°) 0,736 - 0,738	residue on evaporation max. 0,0005 %
chlorides (Cl) max. 0,0005 %	water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
BU00221000	1 l	0