源叶
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Shanghai yuanye Bio-Technology Co., Ltd
465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing:	2026-07-18 16:15:32
Date of Next Testing:	2030-07-17 16:15:32
Product Name:	**1-Butanol**
CAS Number:	71-36-3
Specifications & Purity:	GR
Lot #:	G2617029
SKU #	**W11067**
Version	**0**
Analysis #:	**744404**
Storage Temperature:	Room temperature,Argon charged,Desiccated

Parameter	**Limit Values**	**Result**
Assay（C4H10O）	99.8-100（%）	99.93800 %
Density (20°C)	0.808-0.811（g/ml）	0.81030 g/ml
Evaporation Residue	0-0.001（%）	0.00000 %
Water by Karl Fischer	0-0.1（%）	0.03000 %
Acidity(as H+)	≤0.0005（mmol/g）	0.00000 %
Carbonly compounds（As CO）	≤0.02（%）	0.02000 %
Esers(As CH3COOC4H9)	≤0.1（%）	0.00000 %
Unsaturated compounds(Br)	≤0.005（%）	0.00500 %
Iron(Fe)	0-0.00005（%）	0.00000 %
Refractive index n20/D	1.3980 - 1.4000	1.39930
Chloride (Cl-)	0-0.35（%）	0.00000 %
Sulfate(SO42-)	0-0.04（%）	0.00000 %
Ignition Residue (as sulfate)	0-0.1（%）	0.00000 %
pH(50g/L solution，25°C)	4.0-7.0	6.69900
Salicylic acid(HOC6H4(OOH)	0-0.1（%）	0.10000 %
Color test (APHA)	0-10	0.00000
Readily carbonizable substance	pass	Pass
Appearance(W11067)	Colorless Liquid	Colorless liquid

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