

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	47651
<b>Lot Number</b>	001253-10160121
<b>Product</b>	<b>1-Butanol [for HPLC Solvent]</b> Butyl alcohol
<b>CAS Number</b>	71-36-3
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>10</sub> O
<b>Molecular Weight</b>	74.12

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<b>Appearance</b>	Clear colorless liquid
<b>Color (APHA)</b>	4
<b>Density</b>	0.808 at 25 °C
<b>Water Content (Karl Fisher)</b>	0.067%
<b>Acidity</b>	0.0009% (as Acetic acid)
<b>UV Ratios</b>	UV Absorbance : 215 nm : 0.587 220 nm : 0.320 240 nm : 0.062 260 nm : 0.025 280 - 400 nm : 0.005
<b>Non-Volatile Matter</b>	0.0001%
<b>Related Substances</b>	Carbonyl compounds : < 0.01% Aldehyde : Passes test Butyl ether : < 0.2%
<b>Titration Acid</b>	< 0.0008 meq/g
<b>Purity by GC</b>	99.90%
<b>Storage</b>	Store at RT, under inert gas
<b>Additional Information</b>	Residue after evaporation : < 0.005%

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**