

ITEC REFINING AND MARKETING CO. LTD.

Ethanol / Water Mixtures

Alcohol Strength Conversion Table: Volume % to Mass %

At 20 Deg C.

Vol %	Mass %	Vol %	Mass %	Vol %	Mass %	Vol %	Mass %	Vol %	Mass %
80.0	73.48	84.0	78.2	88.0	83.1	92.0	88.3	96.0	93.8
80.1	73.6	84.1	78.3	88.1	83.2	92.1	88.4	96.1	94.0
80.2	73.7	84.2	78.4	88.2	83.4	92.2	88.6	96.2	94.1
80.3	73.8	84.3	78.6	88.3	83.5	92.3	88.7	96.3	94.3
80.4	73.9	84.4	78.7	88.4	83.6	92.4	88.8	96.4	94.4
80.5	74.1	84.5	78.8	88.5	83.7	92.5	89.0	96.5	94.6
80.6	74.2	84.6	78.9	88.6	83.9	92.6	89.1	96.6	94.7
80.7	74.3	84.7	79.0	88.7	84.0	92.7	89.2	96.7	94.9
80.8	74.4	84.8	79.2	88.8	84.1	92.8	89.4	96.8	95.0
80.9	74.5	84.9	79.3	88.9	84.3	92.9	89.5	96.9	95.2
81.0	74.6	85.0	79.4	89.0	84.4	93.0	89.6	97.0	95.3
81.1	74.8	85.1	79.5	89.1	84.5	93.1	89.8	97.1	95.5
81.2	74.9	85.2	79.7	89.2	84.6	93.2	89.9	97.2	95.6
81.3	75.0	85.3	79.8	89.3	84.8	93.3	90.1	97.3	95.8
81.4	75.1	85.4	79.9	89.4	84.9	93.4	90.2	97.4	95.9
81.5	75.2	85.5	80.0	89.5	85.0	93.5	90.3	97.5	96.1
81.6	75.3	85.6	80.1	89.6	85.2	93.6	90.5	97.6	96.2
81.7	75.5	85.7	80.3	89.7	85.3	93.7	90.6	97.7	96.4
81.8	75.6	85.8	80.4	89.8	85.4	93.8	90.7	97.8	96.5
81.9	75.7	85.9	80.5	89.9	85.5	93.9	90.9	97.9	96.7
82.0	75.8	86.0	80.6	90.0	85.7	94.0	91.0	98.0	96.8
82.1	75.9	86.1	80.8	90.1	85.8	94.1	91.2	98.1	97.0
82.2	76.1	86.2	80.9	90.2	85.9	94.2	91.3	98.2	97.1
82.3	76.2	86.3	81.0	90.3	86.1	94.3	91.4	98.3	97.3
82.4	76.3	86.4	81.1	90.4	86.2	94.4	91.6	98.4	97.4
82.5	76.4	86.5	81.2	90.5	86.3	94.5	91.7	98.5	97.6
82.6	76.5	86.6	81.4	90.6	86.5	94.6	91.9	98.6	97.8
82.7	76.6	86.7	81.5	90.7	86.6	94.7	92.0	98.7	97.9
82.8	76.8	86.8	81.6	90.8	86.7	94.8	92.1	98.8	98.1
82.9	76.9	86.9	81.7	90.9	86.8	94.9	92.3	98.9	98.2
83.0	77.0	87.0	81.9	91.0	87.0	95.0	92.4	99.0	98.4
83.1	77.1	87.1	82.0	91.1	87.1	95.1	92.6	99.1	98.5
83.2	77.2	87.2	82.1	91.2	87.2	95.2	92.7	99.2	98.7
83.3	77.4	87.3	82.2	91.3	87.4	95.3	92.8	99.3	98.9
83.4	77.5	87.4	82.4	91.4	87.5	95.4	93.0	99.4	99.0
83.5	77.6	87.5	82.5	91.5	87.6	95.5	93.1	99.5	99.2
83.6	77.7	87.6	82.6	91.6	87.8	95.6	93.3	99.6	99.4
83.7	77.8	87.7	82.7	91.7	87.9	95.7	93.4	99.7	99.5
83.8	78.0	87.8	82.9	91.8	88.0	95.8	93.6	99.8	99.7
83.9	78.1	87.9	83.0	91.9	88.2	95.9	93.7	99.9	99.8
84.0	78.2	88.0	83.1	92.0	88.3	96.0	93.8	100.0	100.0