

### Model Performance

Model	Data
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#### Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.81	0.55	0.81	0.54	0.71	0.61

## Model Results

**Predicted value:** 189 L/kg

**Global applicability domain:** Inside

**Local applicability domain index:** 5.31e-01

**Confidence level:** 7.23e-01

## Nearest Neighbors from the Training Set

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Butylbenzene

**Measured:** 2450

**Predicted:** 1580

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Propylbenzene

**Measured:** 741

**Predicted:** 859

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1-Octanol

**Measured:** 36.3

**Predicted:** 42.5

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1-Heptanol

**Measured:** 13.8

**Predicted:** 18.6

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1-Nonanol

**Measured:** 77.6

**Predicted:** 101