

Citric acid
77-92-9 | DTXSID3020332

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
0.87	0.81	0.87	0.82	0.86	0.86

Model Results

Predicted value: 2.85 mol/L

Global applicability domain: Outside

Local applicability domain index: 3.43e-01

Confidence level: 6.58e-01

Nearest Neighbors from the Training Set

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Citric acid

Measured: 3.08

Predicted: 2.85

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L-Tartaric acid

Measured: 2.96

Predicted: 2.69

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dl-Tartaric acid

Measured: 2.96

Predicted: 2.69

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Tartaric acid; d form

Measured: 2.96

Predicted: 2.69

Image not found

L-Tartaric acid

Measured: 2.96

Predicted: 2.69

Image not found

L-Tartaric acid

Measured: 2.96

Predicted: 2.69

Image not found

Calcium methionate

Measured: 1.34

Predicted: 3.45

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Methanedisulfonic acid

Measured: 8.90

Predicted: 3.45

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Mucic acid

Measured: 2.29e-01

Predicted: 3.04e-01

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Mucic acid

Measured: 2.29e-01

Predicted: 3.04e-01