

# Carboxymethyl cellulose

9000-11-7 | DTXSID7040441

## 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
0.72	51.8	0.74	50.3	0.73	52.7

## Model Results

**Predicted value:** 149 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 3.81e-01

**Confidence level:** 6.64e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

D-Glucose

**Measured:** 133

**Predicted:** 141

[Image not found](#)

Galactose

**Measured:** 133

**Predicted:** 141

[Image not found](#)

alpha-d-glucopyranose

**Measured:** 133

**Predicted:** 141

[Image not found](#)

D-Tagatose

**Measured:** 135

**Predicted:** 141

[Image not found](#)

D-Galacturonic acid

**Measured:** 166

**Predicted:** 160

[Image not found](#)

D-Glucuronic acid

**Measured:** 166

**Predicted:** 160

[Image not found](#)

Quinic acid

**Measured:** 163

**Predicted:** 164

[Image not found](#)

Citric acid

**Measured:** 153

**Predicted:** 164

