

Spectrophotometer/ Colorimeter Standards



**SCHMIDT
HAENSCH**
innovators by tradition since 1864

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SCHMIDT + HAENSCH instruments comply with a multitude of international standards and norms. Depending on which standards are relevant to you, you can navigate our instrument portfolio according to applicable standards and norms.*

Or contact us directly! Our experts are happy to find or develop a solution tailored to your needs.

* listed standards and norms are exemplary applications for SCHMIDT + HAENSCH instruments. Liability is only granted once specific application and correct use of instrument has been thoroughly validated by SCHMIDT + HAENSCH. Please speak to our instrument qualification team for specific requests on norm and standard updates: sales@schmidt-haensch.de

ORGANIZATION	TITLE	SUGGESTED MEASURING DEVICE
ICUMSA GS2-11	Visual appearance using Braunschweig Color-Types	Saccharoflex
ICUMSA GS2-13	Reflectance of white sugar	Saccharoflex
ICUMSA GS1-7	Solution color at pH 7.0	Coloromat
ICUMSA GS1-9	Solution color white sugar	Coloromat
ICUMSA GS1/3-7	Determination of the solution colour of raw sugars, brown sugars and colored syrups at pH 7.0	Coloromat
ICUMSA GS1-15	Determination of dextran in raw sugar by a modified alcohol haze method – accepted	Coloromat
ICUMSA GS2/3-29	Determination of copper in refined sugar products by a colorimetric method – accepted	Coloromat
ICUMSA GS2/3/7/8-31	Determination of iron in refined sugar products and sugar solutions by a colorimetric method – accepted	Coloromat
ICUMSA GS2/3-10	Determination of white sugar solution colour – official	Coloromat
ICUMSA GS2/7-33	Determination of sulphite by Rosaniline colorimetric method in white sugar - official; and in can sugar juices and syrups accepted	Coloromat



ORGANIZATION	TITLE	SUGGESTED MEASURING DEVICE
ICUMSA GS7-15	Determination of total and soluble phosphate in cane juice by a colorimetric method – accepted	Coloromat
ICUMSA GS7-21	Determination of turbidity in clarified cane juice – accepted	Coloromat
ICUMSA GS8/4/6-4	Determination of glucose and fructose in beet juices and processing products by an enzymatic method	Coloromat
ICUMSA GS8/4/6-13	Determination of lactic acid (L- and D-) in juice and processing products by an enzymatic method	Coloromat
ICUMSA GS8/4/6-14	Determination of acetic acid in beet juices and processing products by an enzymatic method – accepted	Coloromat
ICUMSA GS8-23	Determination of pectic acid in beet raw juice by a 3-hydroxy-diphenyl colorimetric method – accepted	Coloromat
ICUMSA GS8-25	Determination of pectic acid in beet liquors by a carbazole colorimetric method - accepted	Coloromat