

NEW

Brix Sucrose Standards

Refractive Index Standards

Manufactured by Reagecon

Reagecon
Delivering the Correct Result

Why use Reagecon's Brix Standards?

Commercial Benefits	Technical Benefits
<ul style="list-style-type: none"> • Extended shelf life (12 weeks) • Can be used with any brand of refractometer. • Extensive range (0 - 60%) • Presented in a convenient high quality dropper bottle • Ready to Use 	<ul style="list-style-type: none"> • Uncertainty of measurement $\pm 0.02\%$ Brix value (20°C) • In accordance with ICUMSA guidelines • Consistency of product- Independent, traceable, certified. • Certificates of Analysis and SDS sheets available online.



Reagecon manufactures a range of Refractive Index Standards for ease of use when calibrating all types of refractometers, irrespective of brand. All Brix standards are manufactured using high purity raw materials in accordance with ICUMSA guidelines. These products are prepared gravimetrically on a weight/weight basis. Both solute (sucrose) and solvent (water) are weighed on a balance calibrated by Reagecon engineers using OIML traceable weights. Reagecon holds ISO 17025 accreditation for weighing (ref. 265C) and the resulting certificate is issued in accordance with the requirements of ISO/IEC 17025. The Refractive Index of the standard is verified using a high performance calibrated, temperature controlled refractometer. The calibration of this instrument involves the use of high purity ISO Guide 34 accredited Brix standards similar in Brix value to the products listed below.

How to order

Code	Description (20°C)	Equivalent Refractive Index @ 20°C from ICUMSA (± 0.00004)	Pack size (mls)
BS00	Sucrose (Brix) Standard – 0%	1.332986	15
BS05	Sucrose (Brix) Standard – 5%	1.340264	15
BS07	Sucrose (Brix) Standard – 7%	1.343253	15
BS10	Sucrose (Brix) Standard – 10%	1.347824	15
BS112	Sucrose (Brix) Standard – 11.2%	1.349682	15
BS115	Sucrose (Brix) Standard – 11.5%	1.350149	15
BS12	Sucrose (Brix) Standard – 12%	1.350930	15
BS125	Sucrose (Brix) Standard – 12.5%	1.351714	15
BS15	Sucrose (Brix) Standard – 15%	1.355679	15
BS20	Sucrose (Brix) Standard – 20%	1.363842	15
BS25	Sucrose (Brix) Standard – 25%	1.372328	15
BS30	Sucrose (Brix) Standard – 30%	1.381149	15
BS35	Sucrose (Brix) Standard – 35%	1.390322	15
BS40	Sucrose (Brix) Standard – 40%	1.399860	15
BS45	Sucrose (Brix) Standard – 45%	1.409777	15
BS50	Sucrose (Brix) Standard – 50%	1.420087	15
BS55	Sucrose (Brix) Standard – 55%	1.430800	15
BS60	Sucrose (Brix) Standard – 60%	1.441928	15

Telephone
061 472622Email
sales@reagecon.ieOnline sales
www.reagecon.com

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22.03.2012