

Specification Sheet RightSweet™ Sucralose¹

Product Name	RightSweet™ Sucralose
Synonyms	Sucralose, TGS, TrichloroGalactoSucrose, Trichlorosucrose
Product Code	RTGS-102 (Granular)
Definition	
Chemical name	1,6-Dichloro-1,6-dideoxy-β-D-fructofuranosyl-4-chloro-4-deoxy-α-D-galactopyranoside
C.A.S. number	56038-13-2
E number	E 955
Chemical formula	C ₁₂ H ₁₉ Cl ₃ O ₈
Molecular Weight	397.64
Description	
Appearance	A white to off white, odorless, free flowing, crystalline powder
Taste	Intense sweet taste - approx. 600 times sweeter than sucrose
Solubility in Water	Freely Soluble
Solubility in Ethanol	Freely Soluble
Identification	
Identification	Matches standard
Particle Size	
Pass through 60 mesh/250 um	Not less than 90%
Purity	
Assay	98.0% to 102.0% (dried basis)
Hydrolysis Product	Not more than 0.1%
Loss on Drying	Not more than 2.0%
Specific Rotation	Between +84.0% and 87.5% (dried basis)
Residue on Ignition	Not more than 0.7%
Heavy Metals (as Lead)	Not more than 10 mg/kg
Arsenic	Not more than 3 mg/kg
Methanol	Not more than 0.1mg/kg
pH	6.0 to 7.0
Related Substances	Not more than 0.5%
Statement	
This product meets the current specifications of the United States Pharmacopoeia (USP) as well as the Joint FAO/WHO Expert Committee of Food Additives (JECFA) and the Food Chemical Codex (FCC).	
Disclaimer	
The information contained on this sheet is intended to provide guidance on our products and should not be construed as a guarantee. In some countries regulatory restrictions for the use of this product exist and must be observed.	

¹ Manufactured in China for The Ingredient House, LLC, USA

Product:	Sucralose	Doc Name:	RightSweet Sucralose Granular Specification RTGS 102 02-11		
Doc Effective Date:	2/8/11	Doc Revision:	1	Doc Expiration Date:	2/1/13
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