

VISHNU	Vishnu Chemicals Ltd	Jeedimetla Unit		
FINISHED PRODUCT SPECIFICIATIONS				
Status: In-House				
Title: Saccharin Sodium				
Department: QC	Effective Date: 01-Feb-2010	FP_SPE_G_No: 004	Page No: 1 of 2	Version No: 01

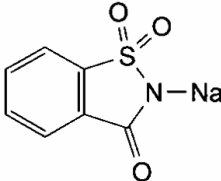
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1	00	31-Jan-2007	Document format prepare
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	Name	Designation / Dept	Signature	Date
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CAS NO: [82385-42-0]	 <p style="text-align: center;">SACCHARIN SODIUM</p>
Chemical Name: Sodium salt of 1,2-benzisothiazolin-3-one 1,1-dioxide.	
Molecular Formula: C₇H₄NNaO₃S	
Molecular Weight: 205.19	

S/N	TEST	SPECIFICATIONS
1.	Description	White crystalline powder or colorless crystals; efflorescent in dry air.
2.	Solubility	Freely soluble in water; sparingly soluble in ethanol(95%); practically insoluble in ether.
3.	Identification	The infra red spectrum of the substance being examined should be concordant with the reference spectrum.
4.	Melting range of isolated sacharin	226° -230° C
5.	Heavy metals	Not more than 20 ppm.
6.	OTS Amide content	Not more than 25 ppm
7.	Water content by KF	12.0 – 16.0%w/w.
8.	Assay	Not less than 98.0% and not more than 101.0%on Anhydrous basis.

Usage: Pharmaceutical aid (sweetening agent).

Storage: Store in well – closed containers.

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