

## Specifications

<b>Product</b>	:	Dextrose anhydrous
<b>CAS No.</b>	:	50-99-7
<b>Molecular formula</b>	:	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
<b>Molecular weight</b>	:	180.16
<b>Product Code</b>	:	01FI0038

TESTS	SPECIFICATIONS
<b>Description</b>	A white crystalline powder.
<b>Identification</b>	A. When heated it melts, swells up and burns, and an odor of burnt sugar is perceptible. B. A copious red ppt. is formed.
<b>Appearance and odor of solution</b>	The solution is clear and more intensely colored than reference solution BY7 and is odorless.
<b>Acidity or alkalinity</b>	NMT 0.15ml of 0.1M NaOH is required to change the color of the solution to pink.
<b>Specific optical rotation</b>	+52.5° to +53.3°
<b>Arsenic</b>	NMT 1 ppm
<b>Heavy metals</b>	NMT 5 ppm
<b>Chlorides</b>	NMT 125 ppm
<b>Sulphates</b>	NMT 200 ppm
<b>Sulphite</b>	Absorbance of the resulting solution at the maximum at about 583nm, the absorbance should not be greater than that of standard prepared in the same manner.
<b>Barium</b>	Any opalescence in the solution is not more intense than that in a mixture of 10ml of solution S and 1ml of water
<b>Foreign sugars, soluble starch and dextrans</b>	The appearance of solution does not change on cooling
<b>Sulphated ash</b>	NMT 0.1%
<b>Water</b>	NMT 1.0%
<b>Bacterial endotoxins</b>	NMT 0.5 endotoxin unit per ml of a 5% w/v solution in water for infections.



(NMT= Not more than, NLT=Not less than)

### Indenta Chemicals (India) Pvt. Ltd.

Office: 117 The Summit Business Bay, Near WEH Metro Station, Opp. Cinemax Theatre, Off. Andheri Kurla Road, Andheri (E), Mumbai 400 093.  
Phone : +91-22-2684 9600 | Fax : +91-22-2684 9060 | Email: [indenta@indenta.com](mailto:indenta@indenta.com) | Website : [www.indenta.com](http://www.indenta.com)

Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302

INFORMATION	PREPARED BY	APPROVED BY
<b>Name</b>	Mr. Suchit Mukherjee	Mr. Thomas Varghese
<b>Designation</b>	Q.C Executive	Director Technical
<b>Date</b>	Jan 2019	-
<b>Revision</b>	0	-
<b>Review Date</b>	-	-
<b>Signature</b>		

**Disclaimer:** The products sold hereunder and any other products sold by Indenta Chemicals (India) Pvt. Ltd. have been subjected to limited testing and it does not release the user from the responsibility of undertaking their own test.

#### Indenta Chemicals (India) Pvt. Ltd.

Office: 117 The Summit Business Bay, Near WEH Metro Station, Opp. Cinemax Theatre, Off. Andheri Kurla Road, Andheri (E), Mumbai 400 093.  
Phone : +91-22-2684 9600 | Fax : +91-22-2684 9060 | Email: [indenta@indenta.com](mailto:indenta@indenta.com) | Website : [www.indenta.com](http://www.indenta.com)

Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302

