

	Riddhi Siddhi Gluco Biols Ltd.	DOC.No.	FPS/QA/08
		Revision No.	01
	Finished Product Specification	Issue date	10.02.09
	Dextrose Monohydrate (RISIDEX)	Page	1 of 1

PRODUCT: RISIDEX [DEXTROSE MONOHYDRATE]		ABBREV. : DMH	
Packing: In normal HDPE Bags with Liner Inside at Ambient Temp.	Shelf Life: 2 [Two Years] from the date of manufacture	Storage & Preservation: To be stored on above ground on clean, dry & dust free godown. Maintain ambient temp. Keep away from water, direct sunlight & flames.	
Intended Use: For Food and Industrial Use	RETEST PROGRAMME		
Sampling Plan: As per guideline, Ref:GL/QA/04.	SCHEDULE 6 Months <ul style="list-style-type: none"> • Loss on Drying • Clarity of 50% solution. 		
PARAMETER	SPECIFICATIONS	METHOD OF ANALYSIS	
Description	White Crystalline Powder, free from visible specks, added color & odorless.	Visual Inspection	
Identification test	Reduces Fehling solution on boiling	Physical test	
Solubility	Freely soluble in water, easily soluble in boiling water & alcohol.	SAP/QA/26	
Clarity 50% w/v Solution	Clear	SAP/QA/11	
Loss on drying (% w/w)	7.00 - 9.00 %	SAP/QA/01	
Sulphated Ash (% on DB)	0.1 % Max.	SAP/QA/10	
Specific Volume (packed)	135 - 160 ml/100gm	SAP/QA/05	
Acidity (ml of 0.02N NaoH / 5gms)	1.25 ml Max	SAP/QA/07	
Specific optical Rotation at 20°C (10% w/v Solution)	+52.5° - +53.5°	SAP/QA/64	
Sulphur Dioxide, ppm.	70.0 Max.	SAP/QA/13	
Dextrin & less soluble sugars.	Absent. A clear solution is obtained which does not produce any deposition on cooling.	SAP/QA15	
Chlorides ppm	100.0 Max.	SAP/QA/51	
Sieve Analysis: + 30 mesh	10 % Max.	SAP/QA/27	
MICROBIOLOGICAL ANALYSIS			
Total Plate Count c.f.u / gm	500 Max/gm.	SAP/QA-M/01	
<i>E.coli</i> in 25 gm	Absent	SAP/QA-M/03	
<i>Salmonella</i> in 25 gm	Absent	SAP/QA-M/04	
Prepared By		Approved BY	
		Vice President	