

THE BRITISH FOOD MANUFACTURING INDUSTRIES
RESEARCH ASSOCIATION

SCIENTIFIC AND TECHNICAL
SURVEYS

Number 51

July, 1967

Selected Tables of
Physical Properties of Sugar Solutions

R. S. Norrish, B.Sc.

CONTENTS

	PAGE
INTRODUCTION	2
CONVERSION TABLE, WT. FRACTION TO MOLE FRACTION SUCROSE	3
CRYSTALLIZATION RATE	5
DENSITY AND SPECIFIC GRAVITY	9
HEAT OF SOLUTION AND DILUTION	41
REFRACTIVE INDEX	47
SOLUBILITY	85
SPECIFIC HEAT AND HEAT CONTENT	95
SPECIFIC ROTATION	101
SURFACE TENSION	103
VAPOUR PRESSURE, BOILING POINT AND EQUILI- BRIUM RELATIVE HUMIDITY	105
VISCOSITY	121

1

132 Ref.

INDEX

2

Please Note:

In Table V commencing on page 12 the Gallons referred to are U.S. gallons.

In Table LXXVI on page 133, the heading "Total Solids" should read "Moisture Content".

เลขที่ 549.781/
BFMIRA/sts-5
เลขทะเบียน 17139
วันที่ - 6 0 8 75