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-: TSS

TSS

TSS

Abbe refractometer

**Refractometer**

.(TSS) Total Soluble Solids

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TSS

-

TSS

TSS

-:

Kreb's cycle

-:

Tartaric acid

Malic acid

Citric acid

-:

Citric acid = 64  
 Malic acid = 67  
 Tartaric acid = 75

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.(NaOH)

( )

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( )

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( )

(Phenopthalene)

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-:

67 g Malic acid = 40 g NaOH

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67 g Malic acid = 1000 ml NaOH (1 N)

(x1)g Malic acid = (x2)ml NaOH (x3 N)

.( ) x3 x1, x2, )

$$x1 = (67) \times (x2) \text{ml} \{ \text{NaOH } (x3 \text{ N}) \} / 1000$$

$$x(\% \text{ malic acid}) = 67 \times ( ) \text{ml NaOH} \times ( ) \text{N} * 100 / 1000$$