

THE DETERMINATION OF THE COLOUR OF LACTOSE

PRINCIPLE OF THE METHOD

A 10% ^w/_v solution of lactose is prepared in deionised water. It is colour graded against Lovibond permanent colour glass standards in a Nessleriser 2250.

THE STANDARD LOVIBOND NESSLERISER DISC 291130

The disc contains colour standards labelled 1-9 in single steps and is used with 250mm. Nessler cylinders.

METHOD

1. Dissolve 20g. lactose in deionised water by warming to 50°C. Dilute to a final volume of 200ml. and allow to cool.
2. Fill a 250mm. Nessler cylinder to just above the 250mm. line and fit the anti-meniscus plunger. Ensure no bubbles are trapped.
3. Stand the cylinder in the right hand compartment of the Nessleriser 2250. Leave the left compartment empty.
4. Stand the Nessleriser facing North daylight or, failing this, use the Lovibond Daylight 2000 unit and match the solution colour against the disc, recording the nearest colour.

NOTE

Thanks are extended to Nestle' of Switzerland who assisted with and approved this disc.

REVISION HISTORY

| Date | Change Note | Issue |
|----------|-------------|-------|
| 27/01/03 | 36/460 | 2 |
| 16/03/05 | CA243 | 3 |
| 09/10/06 | JC62 | 4 |