



LUCILITE TR TANNOID REMOVAL

LUCILITE TR (Tannoid Removal) brings a new dimension to the stabilization of beverages. LUCILITE TR is an innovative, novel, silica based product designed to offer a cost effective solution for the removal of haze forming polyphenols (also known as tannoids) from beverages.

LUCILITE TR is a free flowing silica based powder that has been modified to selectively remove haze forming tannoids. Introduction of LUCILITE TR, complements the Lucilite range of haze forming protein adsorption products, and now means a total stabilization package is available from, INEOS Silicas.

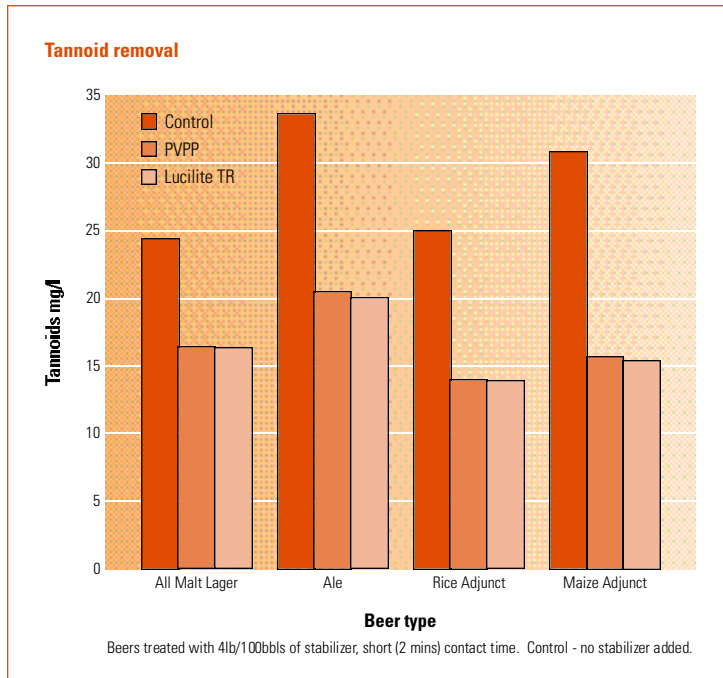
As LUCILITE TR falls under the LUCILITE umbrella of products, the expected high level of quality, consistency, effectiveness and comprehensive technical support is assured.

Benefits of LUCILITE TR

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| Cost effective tannoid removal: | - LUCILITE TR offers a cost effective solution for the removal of haze forming tannoids from beverages. |
| The total stabilization package: | - whatever your product characteristics, INEOS Silicas provides both protein and tannoid adsorbents, under the LUCILITE brand name, to assure your product quality. |
| Technical support: | - INEOS Silicas offers full Technical Service and analytical backup, during trials and after product introduction. |
| Process flexibility: | - LUCILITE TR is prepared and applied to the beer stream in the same way as silica gel. There is no requirement to pre-swell LUCILITE TR. LUCILITE TR is compatible with other LUCILITE silicas. |
| No additional capital expenditure: | - LUCILITE TR is prepared and applied to the beer stream using existing equipment, thus enabling product introduction without capital investment. |
| Packaging: | - LUCILITE TR is available in 20kg sacks (44lb bags) or bulk bags for ease of handling and application. |

LUCILITE TR stabilization performance

The performance of LUCILITE TR is comparable to that of PVPP (polyvinylpolypyrrolidone). The graph below demonstrates LUCILITE TR equivalence to PVPP. Tannoid removal is as effective in a range of beer types, whatever the tannoid level.



LUCILITE TR:

- Is highly effective even at low dosage rates and short (2 mins) contact times.
- Provides maximum flexibility with no requirement to swell.
- For dual protein and tannoid removal, LUCILITE TR is compatible with all LUCILITE silica gels.
- For optimum equipment utilization, LUCILITE TR can be prepared with LUCILITE silica gels in the same slurry make up.

For information on application of LUCILITE TR handling, safety data, slurry make up and packaging please refer to the General Stabilization brochure.

Technical service

INEOS Silicas offers a high standard of technical and analytical service to ensure optimum performance of its products. For assistance, contact us via e-mail: techsupport@ineossilicas.com

For further information please contact:

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