Supporting information

Utilization of fermentation residues of validamycin as a potential platform for seed treatment

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| Sample          | Suspension rate (%) | Viscosity (mPa.s) | pH   | Film-forming effect | Coating uniformity (%) | Abscission rate (%) | Thermal stability (%) | Cold storage stability (%) |
|-----------------|---------------------|-------------------|------|---------------------|------------------------|---------------------|------------------------|---------------------------|
| TEB-VFR/SD-816/NNO | 96.4                | 670               | 6.26 | Good                | 95                     | 5.8                 | 93.8                   | 93.2                      |
| Standard\(^1,\(^2\) | >90                 | 300-800           | 5-7  | Good                | >90                    | <10                 | >90                    | >90                       |

References
1 Shenyang Research Institute of Chemical Industry. The methods of pesticide suspension: GB/T 14825-2006. Beijing: China Standard Press, 2006. (In Chinese)

2 Institute for the Control of Agrochemicals, Ministry of Agriculture. Guidelines on drafting standards of suspension concentrates for seed dressing: GB/T 17768-1999. Beijing: China Standard Press, 1999. (In Chinese)