



CERTIFICATE OF VALIDATION

PDS Organic Spices

Novolyze conducted an in-lab study and identified a safety margin between *Salmonella* and *E. faecium*. If the safety margin is applied to the previous validation carried out by PDS with SGS (07.01.2019) on Black Pepper and Turmeric, then 100% of Black Pepper and Turmeric samples achieved a 5-log reduction of *Salmonella*.

Equipment Identification: Steam Chamber

Equipment Location: Valanjanganam, Kutiikanam P.O, Peermade IDUKKI (DIS), Kerala ; INDIA

Tested Food Product: Black Pepper and Turmeric

Date of the Validation Trials: January 07th, 2019

Pablo ALVAREZ
Chief Science Officer

For more information about the methodological items and perimeter of Novolyze's missions, please refer to the complete validation report #E40_VALIDATION_REPORT_PDS_ORGANIC SPICES N°25038550_v5