

**MOLBIO DIAGNOSTICS LIMITED**  
**EN ISO 13485:2016 certified company**  
**CERTIFICATE OF ANALYSIS**

Licence No.: MFG/IVD/2019/000018

Date: 06/02/2025

Document ID: COA/TN/SG006/5T

Product Name	Truenat <sup>®</sup> Shigella
Generic Name	Chip based Real Time PCR Test for <i>Shigella</i> spp.
Lot No.	SG006
Set No.	NA
Mfg. Date	2025-01
Exp. Date	2026-12
Pack Size	5T
Storage condition	2°C to 30°C

**PRECAUTION:** Refer Safety Data Sheet and Instructions for Use.

Sr. No.	Components in each kit	Specification	Observation
01	Number of pouches as per pack size	Should be present	Present
02	Pouches Contents: 1 chip, 1 micro tube, 1 desiccant pouch and 1 filter barrier tip	Should be present	Present
03	Colour of desiccant pouch	Should be present and Orange in Colour	Present / Orange Colour
04	Package Insert	Should be present	Present
05	Seal integrity test	Should pass	Pass

Performance testing data		
Samples	Ct Values	
	Shigella	Control
Non Template Control	ND	ND
Negative Sample	ND	29.23 ± 0.79
Positive sample 1	24.44 ± 0.14	28.61 ± 0.41
Positive sample 2	27.35 ± 0.33	28.23 ± 0.09
Positive Sample 3	29.89 ± 0.46	27.64 ± 0.27

ND – Not detected, Ct- Cycle threshold

\*Mfg- Manufacturing, Exp- Expiry

The lot is tested and verified as per QC Standards and is approved.

Name : Dr. Praveen Kumar

Department: Quality Control

Designation: QC Head

