

Certificate of Analysis

SALSA® HhaI

Catalogue #	SMR50	
Product name	SALSA HhaI	
 LOT	Lot 0825	
	115 µl (200 MS-MLPA reactions or 100 MS-digitalMLPA reactions)	
Shipping conditions	Dry ice or cooling elements.	
	Store upon arrival between -25°C and -15°C.	
	Expiration date: August 2028, when stored at recommended conditions.	
Purpose	The HhaI enzyme is an essential component of the MS-MLPA and MS-digitalMLPA procedures to detect changes in methylation and/or copy number of multiple sequences in a single reaction.	
Quality control specifications	- Concentration tests using MS-MLPA reaction conditions. - Overdigestion tests with excess HhaI. - Exonuclease tests on synthetic oligos; fluorescently labelled at either the 3' or the 5' end, analysed by capillary electrophoresis.	Test result
	Performance tested with MS-MLPA using: - Low, normal and high concentration of HhaI. - HhaI that has been incubated at 30°C for one week. - Low, normal and high concentration of sample DNA. - Special reactions: including no DNA reactions, in vitro methylated DNA. - Each reaction result should conform to pre-determined specifications.	PASS

None of the ingredients are derived from humans, animals, or pathogenic bacteria. Based on the concentrations present, none of the ingredients are hazardous as defined by the Hazard Communication Standard. **A Safety Data Sheet (SDS) is not required for these products:** none of the preparations contain dangerous substances (as per Regulation (EC) No 1272/2008 [EU-GHS/CLP] and amendments) at concentrations requiring distribution of an SDS (as per Regulation (EC) No 1272/2008 [EU-GHS/CLP] and 1907/2006 [REACH] and amendments). If spills occur, clean with water and follow appropriate site procedures.

This lot was certified by MRC Holland on 05 September 2025.

This certificate is a declaration of analysis at the time of the manufacturing process. All assays were run in compliance with manufacturer's instructions for use.

More information: www.mrcholland.com ; www.mrcholland.eu	
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Implemented changes in the COA

Version 01 – 05 September 2025 (1)
- Not applicable, new document.