




Certificate of Analysis SALSA® Hhal

Catalogue #	SMR50	
Product name	SALSA Hhal	
LOT	Lot 0326	
	115 µl (200 MS-MLPA reactions)	
Shipping conditions	Dry ice or cooling elements.	
	Store upon arrival between -25°C and -15°C.	
	Expiration date: March 2029, when stored at recommended conditions.	
Purpose	The Hhal enzyme is an essential component of the MS-MLPA procedure to detect changes in methylation and/or copy number of multiple sequences in a single reaction.	
Quality control specifications	<ul style="list-style-type: none"> - Concentration tests using MS-MLPA reaction conditions. - Overdigestion tests with excess Hhal. - Exonuclease tests on synthetic oligos; fluorescently labelled at either the 3' or the 5' end, analysed by capillary electrophoresis. <p>Performance tested with MS-MLPA using:</p> <ul style="list-style-type: none"> - Low, normal and high concentration of Hhal. - Hhal 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. <ul style="list-style-type: none"> - Each reaction result should conform to pre-determined specifications. 	Test result
	PASS	

This lot was certified by MRC Holland on 09 April 2026.

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 – 09 April 2026 (1) - Not applicable, new document.