

## Certificate of Analysis

**Productname:** Cocaini hydrochloridum  
**Number of analysis/Inspection Code:** 1 / KEUR-197150B  
**Batchnumber:** 23B23-F03-384317  
**Reference code / No.:** 1242 / 22-00297  
**Analysed according to:** PH.EUR11.0

Tests	Requirement	Result	Unit	Standard remark
Appearance	(Almost) white, crystalline powder or colourless crystals	Conform		
Identification B	Conform	Conform		IR-spectrum
Identification D	White	Conform		Chloride
Appearance of solution	Clear and colourless	Conform		2% <i>m/V</i>
Acidity	Conform	Conform		
Specific optical rotation	-70 - -73	-71		2.5% <i>m/V</i> ; dried
Readily carbonisable substances	Conform	Conform		
Related substances	Conform	Conform		HPLC
Any impurity eluting after principal peak	<=0,1	<0,05	%	
Total impurities	<=0,5	<0,05	%	
Loss on drying	<=0,5	0,1	%	105°C
Sulphated ash		Conform	%	
Metallic residues	CHMP/ICH/353369/2013	Conform		Data producer
Residual solvents	CHMP/ICH/82260/2006	Conform		Data producer
Assay Cocain hydrochloride	98,5 - 101,0	99,4	% <i>m/m</i>	Dried
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		Data producer

Analysis performed by the authorized laboratory Synergy Health Utrecht B.V.

**Manufacturer / Country** : MacFarlan Smith Ltd. / GB  
**CEP** :

Release:  
Anthony Amoureux  
Qualified Person

03/13/23

Expiration: 30-11-26

Conclusion: APPROVED

This document has been produced electronically from our quality system and is valid without signature.

**pdfMachine**

**A pdf writer that produces quality PDF files with ease!**

Produce quality PDF files in seconds and preserve the integrity of your original documents. Compatible across nearly all Windows platforms, simply open the document you want to convert, click "print", select the "Broadgun pdfMachine printer" and that's it! Get yours now!