



# chemical solutions Ltd.

trace elemental analysis

## Analytical Report

August 6, 2014

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Laguna Hills, CA 92653

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WO Number: W14H0040

Client: BioRay, Inc.  
Client #: B4672  
Sample Type: Liquid Product  
Collector: Client

Customer PO: 1348  
Date Received: 8/1/2014  
Date Completed: 8/05/2014  
Discard Date: 8/20/2014

### CSL# 14H0082 NDF Mouth Rinse (Liquid) - Lot#: 070814

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.5 ug/g	0.5	ICP MS	08/04/14	TG
Cadmium	<0.25 ug/g	0.25	ICP MS	08/05/14	TG
Chromium	<0.5 ug/g	0.5	ICP MS/KED	08/05/14	CK
Lead	<0.05 ug/g	0.05	ICP MS	08/04/14	AM
Mercury	<0.1 ug/g	0.1	ICP MS	08/04/14	TG

### CSL# 14H0082

Parameter	Result*	Serving Size	Unit Weight	Specification
Arsenic	<2.5 ug/serving	5 mL	NA	NA
Cadmium	<1.2 ug/serving	5 mL	NA	NA
Chromium	<2.5 ug/serving	5 mL	NA	NA
Lead	<0.25 ug/serving	5 mL	NA	NA
Mercury	<0.5 ug/serving	5 mL	NA	NA

Respectfully Submitted,  
Chemical Solutions, Ltd.

  
Jessica Fultz  
Quality Assurance

Notes:

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The units for the PQL are the same as those shown for the result.

\*Assuming a density of 1.00 g/mL.