



ANCHORCERT
ANALYTICAL

1 Moreton Street
Birmingham B1 3AX England
T: +44 (0)121 262 7934
E: testing@theassayoffice.co.uk
www.anchorcertanalytical.com

Acha Co Ltd
Bangkok Head Office
247,249 Tanao Road
Bavornives Pranakorn
Bangkok 10200
Thailand

REACH_LEAD / CADMIUM TEST (BAO Method 38A)

REPORT

Ref: 305581	Date Work Reported: 23 February 2023	Batch No:
Page: 1 of 2	Date Work Received: 16 February 2023	666
Subject:	REACH Directive (1907/2006) – Determination of Lead & Cadmium.	
Method:	The following procedures (appropriate to sample type) were used to determine the total lead / cadmium content in each component. <ol style="list-style-type: none">1. Acid dissolution (Hot Plate) followed by ICP-OES - Metal components;2. Microwave digestion followed by ICP-OES - Paint and other similar surface coatings;3. Microwave digestion / or Fusion followed by ICP-OES - non-metal components.	
General Requirements	Lead: Entry 63 of annex 17 of REACH Directive (1907/2006):- (Metal/ Non-Metal/ Paint & Others, excludes exempted category) <ol style="list-style-type: none">1. < 500 ppm i.e. less than 0.05%– ‘Compliant (C)’2. ≥ 500 ppm i.e. greater/equal to 0.05% - ‘Non-Compliant (NC)’ Cadmium: Entry 23 of annex 17 of REACH Directive (1907/2006):- Metal/ Plastic/ Paint/ Coatings excludes exempted category <ol style="list-style-type: none">3. <100 ppm i.e. less than 0.01% (Metal / Plastic) - ‘Compliant (C)’4. ≥100 ppm i.e. greater than/equal to 0.01% (Metal / Plastic) - ‘Non- Compliant (NC)’5. <1000 ppm i.e. less than 0.1% (Paint/Coatings) - ‘Compliant (C)’6. ≥1000 ppm i.e. greater than/equal to 0.1% (Paint/Coatings) - ‘Non- Compliant (NC)’	
Remarks	This test criterion represents the addressee’s current policy and is based solely upon the current information available. Both the procedure and assessment criterion may be subject to future change.	

AnchorCert Analytical is a trading division of Birmingham Assay Office. This laboratory is accredited by UKAS to be compliant with all the requirements of ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. **Note:** The information contained in this report is confidential and is given in good faith on the basis of samples and information received. Birmingham Assay Office does not accept responsibility for the Customer’s interpretation of the report nor any consequence arising from this. This test report may only be reproduced in full, i.e. not partially, and only with the written approval of Birmingham Assay Office. Our standard terms and conditions and tolerances apply. Opinions and interpretations are outside the scope of accreditation.



0667

Ref: 305581	Date Work Reported: 23 February 2023
Page: 2 of 2	Date Work Received: 16 February 2023

RESULTS

(NR = Not Requested, ND=Not Detected, N/A = Not Applicable, C = Compliant, NC = Non-compliant, 1mg/kg= 1ppm)

Comp Ref. (BAO)	Item Description	Component Description	Test Req.	Lead Content (mg/kg)	Lead: C / NC	Cadmium Content (mg/kg)	Cadmium : C / NC	Technique
20a	BNEB Steel	Bar	Pb-Cd	13.65	C	21.70	C	Acid Disso.
21a		End Balls	Pb-Cd	76.89	C	20.59	C	Acid Disso.



M. Francosi BSc
Analytical Chemist



D. Beddow
Chemist Technician

CD 13:27

AnchorCert Analytical is a trading division of Birmingham Assay Office. This laboratory is accredited by UKAS to be compliant with all the requirements of ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. **Note:** The information contained in this report is confidential and is given in good faith on the basis of samples and information received. Birmingham Assay Office does not accept responsibility for the Customer's interpretation of the report nor any consequence arising from this. This test report may only be reproduced in full, i.e. not partially, and only with the written approval of Birmingham Assay Office. Our standard terms and conditions and tolerances apply. Opinions and interpretations are outside the scope of accreditation.



0667