

# Certificate of Analysis

**Client:** IV Thought Products and Design Corp  
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Buffalo, New York, 14214

**Project Number:** 22934248875  
**Revision:** 0  
**CofA Issued Date:** 24 DEC 2024  
**Attachments:** N/A

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**Test Method(s):** USP–NF 2024, Issue 3, December 1, 2024: <671> Containers - Performance Testing

**Sample ID: 22934248875.9: 22934248875.1**, Bottle #1: non-CR Miron 5ml's: 25, Miron Cosmetic jar Ceres 5ml, 29 special thread with **22934248875.2** Cap #1: non-CR Miron 5ml's: 25, Lid Modern 29 special, UREA, black, semi-glossy finish, violet Phan inlay (Ceres 5)

Test	Date Started	Result		Acceptance Criteria	Comment
USP <671> MVTR Method 8	04Dec2024	Container #	Percent Per Year	The packaging systems are classified as "tight" containers if NMT 1 of the 10 test containers exceeds 2.5% per year percentage of water weight loss and does not exceed 5.0% in any of them.	Conforms
		1	1.3		
		2	1.8		
		3	1.8		
		4	1.3		
		5	1.1		
		6	1.4		
		7	1.9		
		8	1.3		
		9	1.3		
10	1.8				

**Sample ID: 22934248875.10: 22934248875.3** Bottle #2: CR Miron 5ml's: 25, Miron Cosmetic jar Eris 5ml, 28 special thread with **22934248875.4** Cap #2: CR Miron 5ml's: 25, Lid child-resistant Modern 28 special thread, PP, black, (Eris 5)

Test	Date Started	Result		Acceptance Criteria	Comment
USP <671> MVTR Method 8	04Dec2024	Container #	Percent Per Year	The packaging systems are classified as "tight" containers if NMT 1 of the 10 test containers exceeds 2.5% per year percentage of water weight loss and does not exceed 5.0% in any of them.	Conforms
		1	2.0		
		2	1.3		
		3	1.7		
		4	1.7		
		5	1.9		
		6	1.6		
		7	1.5		
		8	1.9		
		9	1.8		
10	1.6				

**Sample ID: 22934248875.11: 22934248875.5**, Bottle #3: 4ml Pop-Vac: 25, 4ml Pop-Vac Concentrate Black Glass Jar **with 22934248875.6**, Cap #3: 4ml Pop-Vac: 25, 4ml Pop-Vac Concentrate Plastic Lid with SS Disc and proprietary blend gasket

Test	Date Started	Result		Acceptance Criteria	Comment
USP <671> MVTR Method 8	04Dec2024	Container #	Percent Per Year	The packaging systems are classified as "tight" containers if NMT 1 of the 10 test containers exceeds 2.5% per year percentage of water weight loss and does not exceed 5.0% in any of them.	Conforms
		1	0.5		
		2	0.3		
		3	0.8		
		4	0.4		
		5	0.4		
		6	0.3		
		7	0.1		
		8	0.6		
		9	0.5		
10	0.6				

**Sample ID: 22934248875.12: 22934248875.7**, Bottle #4: Calyx 4ml (cap attaches differently): 25, 4ml Cannabis Concentrate Container, base color clear **with 22934248875.8**, Cap #4: Calyx 4ml (cap attaches differently): 25, 4ml resealable gasket container lid color black

Test	Date Started	Result		Acceptance Criteria	Comment
USP <671> MVTR Method 8	04Dec2024	Container #	Percent Per Year	The packaging systems are classified as "tight" containers if NMT 1 of the 10 test containers exceeds 2.5% per year percentage of water weight loss and does not exceed 5.0% in any of them	The packaging systems are <b>not classified as "tight"</b> since all 10 test containers <b>exceeded</b> 2.5% year percentage of water weight loss and did not exceed 5.0% year in any of them. Results are provided "as found."
		1	236.1		
		2	337.5		
		3	376.3		
		4	285.2		
		5	402.5		
		6	234.3		
		7	240.9		
		8	167.5		
		9	169.2		
10	392.1				

Sample ID: 22934248875.15: 22934248875.13 Bottle #5: Chubby Gorilla 3oz (90cc) black, Chubby Gorilla 3oz/90cc PET Blk with 22934248875.14 Cap #5: Chubby Gorilla 3oz (90cc) black, Chubby Gorilla 3oz/90cc PET TE Seal Blk cap					
Test	Date Started	Result		Acceptance Criteria	Comment
USP <671> MVTR Method 8	05Dec2024	Container #	Percent Per Year	The packaging systems are classified as "tight" containers if NMT 1 of the 10 test containers exceeds 2.5% per year percentage of water weight loss and does not exceed 5.0% in any of them.	Conforms
		1	2.0		
		2	1.9		
		3	1.9		
		4	2.0		
		5	1.9		
		6	2.0		
		7	2.1		
		8	1.9		
		9	1.9		
		10	1.9		

Laboratory Review:	Quality Assurance Approval: