

Report No: VSSC/QPDC/QAR/Product-A/2024/Rec: 2451

Date: 10/07/2025

गुणवत्ता प्रभाग नोदक एवं रसायन / QUALITY DIVISION PROPELLANTS & CHEMICALS
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 विक्रम साराभाई अंतरिक्ष केंद्र / VIKRAM SARABHAI SPACE CENTRE
 तिरुवनंतपुरम-६९५०२२ / THIRUVANANTHAPURAM – 695022



Quality Assessment Report

1. Introduction

- Brief introduction about the product and purpose of this report
- Scope of the quality assessment
- Summary of the batches/units covered in this report

2. Item Identification

Product Name	PRODUCT 1
Batch Identification No./Unit Identification No.	Div-1/PRODUCT 1/0116/2024 to Div-1/Product-A/0120/2024 (5 batches)
Manufacturing date	16/06/2025
Expiry date	27/06/2025

3. End use

For PSLV launch vehicle (Specific use)

4. Processing agency

Division-1, VSSC

5. Changes

- Summary of any changes in process, materials, or specifications
- Impact assessment of changes

6. QA observations and remarks

6.1. Raw material

- All raw materials were within specification limits
- Certificates of analysis available for all materials

6.2. Components

- All components were inspected and found acceptable
- Traceability maintained for all critical components

6.3. In-process checks

- All in-process parameters were monitored and recorded
- No deviations observed during processing

6.4. Inspections

6.4.1. NDT Inspection

- NDT inspection results were satisfactory
- No indications found beyond acceptable limits

6.4.2. Visual Inspection

- No visual defects observed
- Surface finish meets requirements

6.4.3. Dimensional Inspection

- All critical dimensions within tolerance
- Measurement records maintained

6.5. Product acceptance tests

- All acceptance test results meet specification requirements
- Test reports attached in Annexure

7. Non-conformances

NC No.	Description	Disposition	Status
NC-001	Minor deviation in parameter X	Accepted with concession	Closed
NC-002	Documentation error in batch record	Corrected	Closed

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8. Reviews

- Reviewed by Quality Review Board on 20-10-2024
- All observations addressed
- No open items pending

9. Storage

- Product to be stored in controlled environment
- Temperature range: 20°C to 30°C
- Relative humidity: <60%
- Protection from direct sunlight required

10. Packaging and transportation

- Use approved packaging materials
- Ensure proper cushioning during transport
- Maintain temperature control during transit if required
- Seal all packages with tamper-evident seals

11. Pending actions

Action No.	Description	Target Date	Responsible
ACT-001	Update procedure XYZ based on lessons learned	30-11-2024	Engineer-1
ACT-002	Conduct additional testing on retained samples	15-11-2024	Lab Team

12. QA Recommendations

- Product meets all quality requirements
- Recommended for use in intended application
- Monitor performance during initial use

13. Any other remarks

- Special handling instructions for product use
- Note on shelf-life monitoring requirements

14. Disposition

Product-A with batch nos. Div-1/Product-A/0116/2024 to Div-1/Product-A/0120/2024 (5 batches) are cleared for further use.

The following points are to be noted:

- Use within specified shelf life
- Follow all handling and storage instructions
- Report any anomalies during use

15. Applicable References/Documents

- Process document for product-A, Document No: ABCD/DiV2/PD/01/2021 dated July 2021
- Quality manual QM-001 Rev. 3
- Test procedure TP-0456 Rev. 2

Annexure-I**List of raw materials used and their expiry dates**

Material Name	Batch Number	Supplier	Source	Grade	Expiry Date
Rawmaterial 1	N/A	Supper1	Source1	Grade A	N/A

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Annexure-II**List of Consumables used and their expiry dates**

Consumable Name	Batch Number	Supplier	Source	Grade	Expiry Date
Consumable 1	N/A	Supper1	Source1	Grade A	N/A

Annexure-III**List of Components used and their expiry dates**

Component Name	Batch Number	Supplier	Source	Grade	Expiry Date
component 1	N/A	Supper1	Source1	Grade A	N/A

Annexure-IV**List of Raw Material batches used and their Acceptance Test details**

Sl. No.	Raw Material	Batch No.	Test Parameter	Specification
1	Rawmaterial 1	1	Accepatance test1	22 - 50 Kilogram

Pre-Certification Details - Raw Materials

Sl. No.	Name	Certified By	Certificate Ref No	Issue Date	Valid Till	Disposition	Certificate File
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Pre-Certification Details - Consumables

Sl. No.	Name	Certified By	Certificate Ref No	Issue Date	Valid Till	Disposition	Certificate File
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Pre-Certification Details - Components

Sl. No.	Name	Certified By	Certificate Ref No	Issue Date	Valid Till	Disposition	Certificate File
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