



CERTIFICADO DE ANÁLISIS (COA)

Producto: Fenilbutazona

CAS N°: 50-33-9

CERTIFICATE OF ANALYSIS

Product : PHENYLBUTAZONE B.P./E.P
Quantity : 200 Kgs.
Batch No. :2201198

Date of Mfg.: JAN'22
Date of Exp.: DEC'26
CAS No. : 50.33.9

| TEST | SPECIFICATION | RESULTS |
|----------------------------------|---|-------------------|
| Description | White or Almost White Powder | White Fine Powder |
| Solubility | Practically Insoluble in water, sparingly soluble in Alcohol, dissolves in alkaline solution | Complies. |
| Identification | | |
| A) Melting Point | Between 104°C to 107°C | 105° to 107° C |
| B) Thin Layer Chromatography | Principal spot in the chromatogram obtained with the test solution should be similar in position & size to the principal spot obtained with ref. solution | Complies |
| C) I.R. | The IR Absorption spectrum of sample and of the Ref. standard sample should be concordant | Complies. |
| D) Chemical Test | Brownish – Red to Violet – Red Precipitate to be form | Complies. |
| Appearance of Soln. | Should be clear. | Complies. |
| Acidity or Alkalinity | Not more than 0.5ml of 0.01 M NaOH and 0.6 ml of 0.01 M HCL is Require to change the colour of soln. | Complies. |
| Light Absorbance | Maximum 0.20 at 420.nm in a 4 cm cell. | 0.13 |
| Heavy Metals | Not more than 0.002% | Complies. |
| Loss on Drying | Maximum 0.20 % | 0.14 % |
| Sulphated Ash | Maximum 0.10 % | 0.05 % |
| Assay | Limit 99 % to 101 % | 99.71 % |
| <u>Related Substances.(HPLC)</u> | | |
| Impurity A | Not more than 0.25 % | Complies |
| Impurity B | Not more than 0.25 % | Complies |
| Impurity C | Not more than 0.20 % | Complies |
| Any other Impurity | Not more than 0.10 % | Complies |
| Total Impurity | 0.5 % Maximum | Complies |
| Impurity E | Not more than 5ppm | Complies |

The product complies with the specification of BP/EP 2017.

El presente documento es copia fiel del original.