



ASEAN Reference Substance (ARS)

ASEAN TECHNICAL COOPERATION IN PHARMACEUTICALS
supported by Japan Pharmaceutical Manufacturers Association



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Certificate of Analysis

HYDROQUINONE

Control No. M 117158

Description	: A white, crystalline powder.
Identification	
- Infrared absorption	: Concordant with the reference spectrum of Hydroquinone USPRS.
- UV absorption	: A 1 in 40,000 solution in methanol exhibits an absorbance maximum at 293 ± 2 nm.
- TLC	: Correspond to the principal spot in the chromatogram obtained with the standard solution of Hydroquinone USPRS.
Melting range	: Between 172° and 174° C.
Water	: 0.32% (Karl Fischer Method)
Assay	: 99.74% of $C_6H_6O_2$, calculated on the anhydrous basis, determined by HPLC method, compared with USPRS.
Intended use	: For HPLC, chemical assay and identification.
Direction for use	: Do not dry before use.
Storage	: Keep container tightly closed and protected from light, preferably at the temperature $2-8^{\circ}$ C.

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