

ISO 26824:2013-07 (E)

Particle characterization of particulate systems - Vocabulary

| Contents | | Page |
|--|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| Scope | | 1 |
| 1 | General terms, representation of particle size and classification analysis | 1 |
| 2 | Sedimentation analysis | 5 |
| 3 | Pore size distribution, porosity and surface area analysis | 6 |
| 4 | Representation of particle shape analysis | 11 |
| 5 | Electrical sensing methods | 13 |
| 6 | Laser diffraction methods | 14 |
| 7 | Dynamic light scattering | 17 |
| 8 | Image analysis methods | 18 |
| 9 | Single particle light interaction methods | 21 |
| 10 | Small angle X-Ray scattering method | 22 |
| 11 | Sample preparation and reference materials | 23 |
| 12 | Electrical mobility and number concentration analysis for aerosol particles | 24 |
| 13 | Electrical charge conditioning | 27 |
| 14 | Acoustic methods | 28 |
| 15 | Focused beam methods | 31 |
| 16 | Characterization of particle dispersion in liquids | 31 |
| 17 | Methods for zeta potential determination | 33 |
| 17.2 | Electrokinetic phenomena | 35 |
| 17.3 | Electroacoustic phenomena | 36 |
| Annex A (informative) Alphabetical index | | 39 |
| Bibliography | | 49 |